

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080947.D
 Acq On : 07 Feb 2024 19:39
 Operator : JC\MD
 Sample : P1372-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63MS

Quant Time: Feb 08 00:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	403815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	745304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	672018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	255904	50.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	8.171	113	221178	55.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.600%			
50) Toluene-d8	10.571	98	779294	53.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	285060	54.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	209495	45.792	ug/l	99
3) Chloromethane	2.359	50	234379	49.435	ug/l	98
4) Vinyl Chloride	2.512	62	289912	48.522	ug/l	94
5) Bromomethane	2.942	94	171804	44.697	ug/l	94
6) Chloroethane	3.112	64	197827	46.949	ug/l	100
7) Trichlorofluoromethane	3.489	101	372076	47.560	ug/l	98
8) Diethyl Ether	3.959	74	132819	47.519	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	201548	45.798	ug/l	91
10) Methyl Iodide	4.589	142	189684	44.569	ug/l	99
11) Tert butyl alcohol	5.524	59	194279	276.798	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197450	45.607	ug/l	93
13) Acrolein	4.177	56	222849	251.912	ug/l	98
14) Allyl chloride	5.024	41	261530	45.592	ug/l #	86
15) Acrylonitrile	5.718	53	515296	268.585	ug/l	98
16) Acetone	4.430	43	370566	221.106	ug/l	97
17) Carbon Disulfide	4.712	76	475599	43.554	ug/l	98
18) Methyl Acetate	5.024	43	258264	52.269	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	722770	50.120	ug/l	93
20) Methylene Chloride	5.283	84	230955	45.484	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	223919	46.075	ug/l	95
22) Diisopropyl ether	6.677	45	667290	50.187	ug/l #	92
23) Vinyl Acetate	6.606	43	2450744	279.719	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	407129	47.018	ug/l #	94
25) 2-Butanone	7.482	43	652985	242.740	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	356513	45.024	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	290853	51.505	ug/l	82
28) Bromochloromethane	7.818	49	172062	47.754	ug/l #	54
29) Tetrahydrofuran	7.835	42	437248	265.856	ug/l #	79
30) Chloroform	7.965	83	463661	48.452	ug/l	95
31) Cyclohexane	8.259	56	288792	41.480	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	411038	49.571	ug/l	94
36) 1,1-Dichloropropene	8.371	75	317940	53.439	ug/l	96
37) Ethyl Acetate	7.559	43	261467	58.080	ug/l #	94
38) Carbon Tetrachloride	8.365	117	345059	56.576	ug/l	96
39) Methylcyclohexane	9.606	83	294729	44.447	ug/l	84
40) Benzene	8.606	78	963662	53.211	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	151455	56.452	ug/l	90
42) 1,2-Dichloroethane	8.677	62	331607	52.589	ug/l	97
43) Isopropyl Acetate	8.688	43	490215	59.216	ug/l #	92
44) Trichloroethene	9.353	130	255448	46.437	ug/l	98
45) 1,2-Dichloropropane	9.624	63	237110	48.525	ug/l	98
46) Dibromomethane	9.712	93	178961	49.529	ug/l #	90
47) Bromodichloromethane	9.894	83	360405	50.995	ug/l #	96
48) Methyl methacrylate	9.682	41	220053	47.179	ug/l #	84
49) 1,4-Dioxane	9.700	88	87582	1016.988	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1449861	290.618	ug/l	91
52) Toluene	10.635	92	625737	51.583	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	365828	53.494	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	392265	51.100	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	249569	53.230	ug/l	96
56) Ethyl methacrylate	10.876	69	366014	65.258	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	418295	54.990	ug/l	99
59) 2-Hexanone	11.200	43	1063216	281.183	ug/l	89
60) Dibromochloromethane	11.365	129	270753	56.516	ug/l	99
61) 1,2-Dibromoethane	11.470	107	258442	55.260	ug/l	99
64) Tetrachloroethene	11.106	164	337169	66.470	ug/l	91
65) Chlorobenzene	11.894	112	655895	46.570	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	251697	49.524	ug/l	97
67) Ethyl Benzene	11.965	91	1146010	47.236	ug/l	94
68) m/p-Xylenes	12.076	106	899214	97.557	ug/l	93
69) o-Xylene	12.400	106	448034	50.094	ug/l	93
70) Styrene	12.417	104	749483	55.835	ug/l	96
71) Bromoform	12.582	173	182092	53.494	ug/l #	95
73) Isopropylbenzene	12.700	105	1080865	45.729	ug/l	98
74) N-amyl acetate	12.500	43	426434	50.051	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	367376	49.964	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	283839m	45.804	ug/l	
77) Bromobenzene	12.982	156	268929	45.093	ug/l	73
78) n-propylbenzene	13.041	91	1219870	45.712	ug/l	95
79) 2-Chlorotoluene	13.129	91	767477	45.509	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	882928	45.957	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	105075	46.069	ug/l	91
82) 4-Chlorotoluene	13.223	91	760510	45.199	ug/l	92
83) tert-Butylbenzene	13.441	119	724288	44.228	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	891031	46.566	ug/l	95
85) sec-Butylbenzene	13.617	105	987573	44.878	ug/l	94
86) p-Isopropyltoluene	13.735	119	825577	44.393	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	476910	44.902	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	475433	44.110	ug/l	97
89) n-Butylbenzene	14.059	91	659932	40.172	ug/l	97
90) Hexachloroethane	14.335	117	136605	46.584	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	465708	45.767	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67005	48.719	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	209909	41.702	ug/l	97
94) Hexachlorobutadiene	15.506	225	71345	32.693	ug/l	97
95) Naphthalene	15.647	128	811196	48.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	207744	41.929	ug/l	97

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

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

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CG-MW-63MS

Manual Integrations

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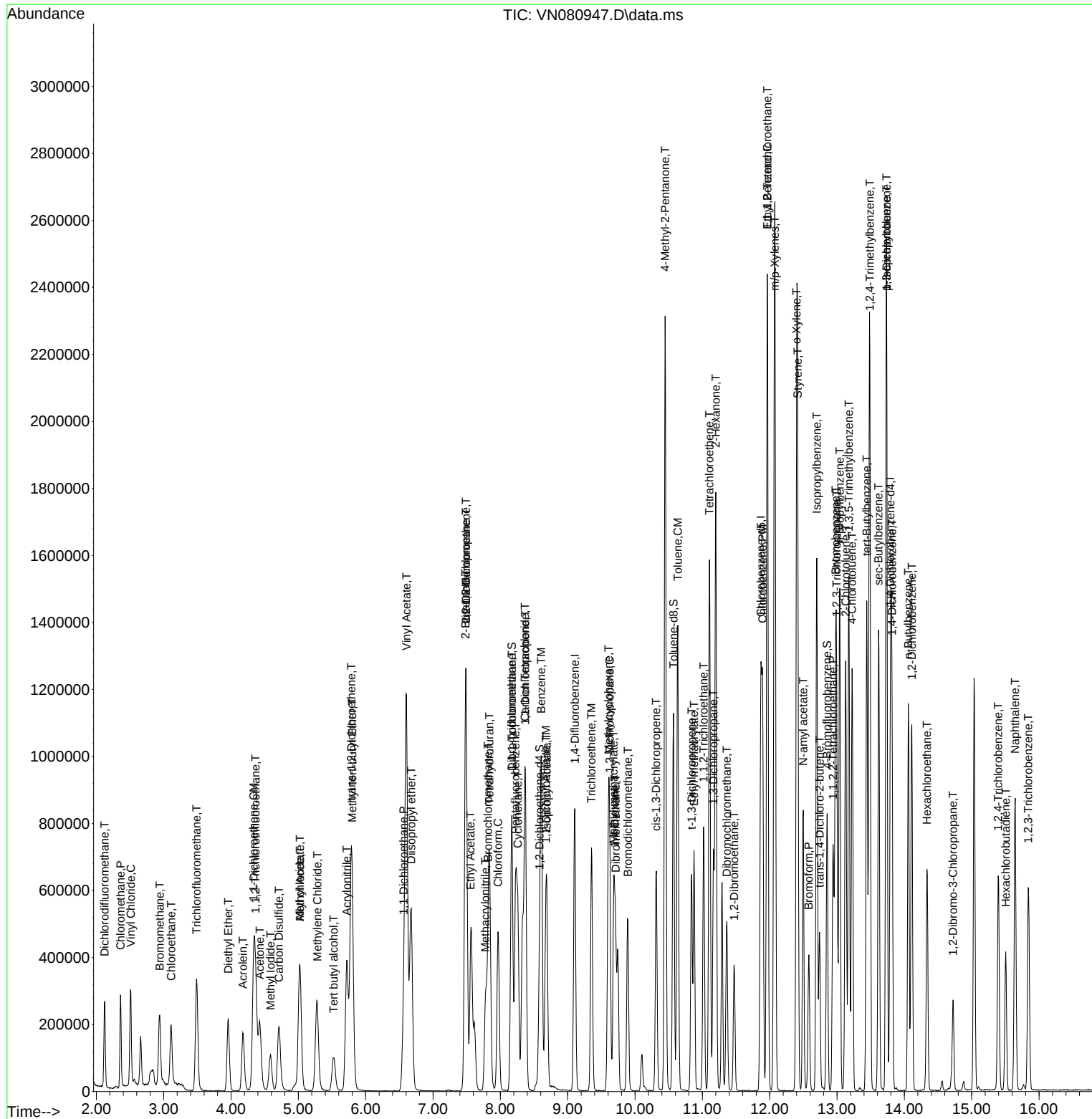
Quant Time: Feb 08 00:31:34 2024

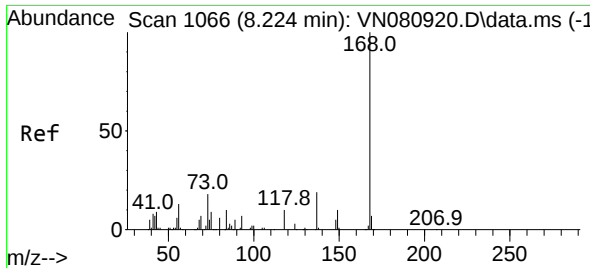
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M

Quant Title : SW846 8260

QLast Update : Wed Feb 07 06:22:23 2024

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

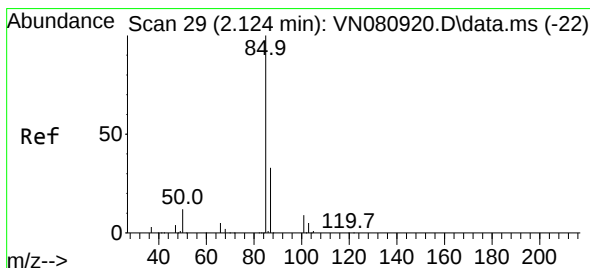
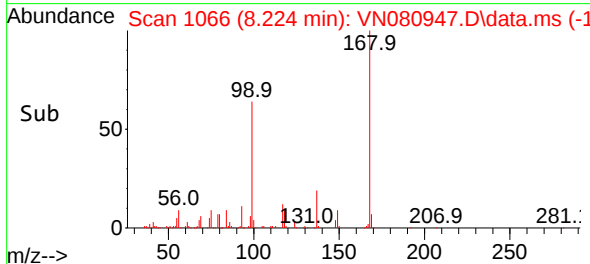
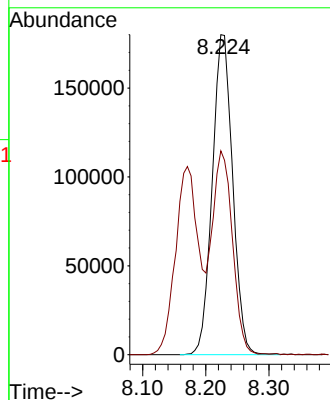
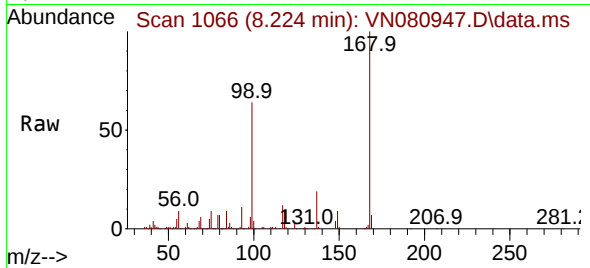
CG-MW-63MS

Tgt Ion:168 Resp: 403815
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9

Manual Integrations

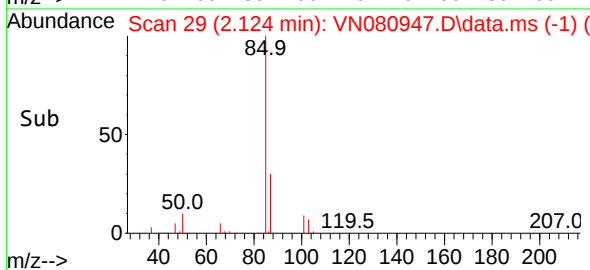
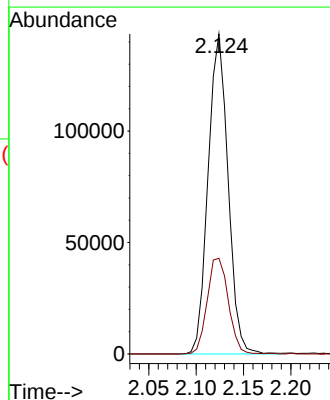
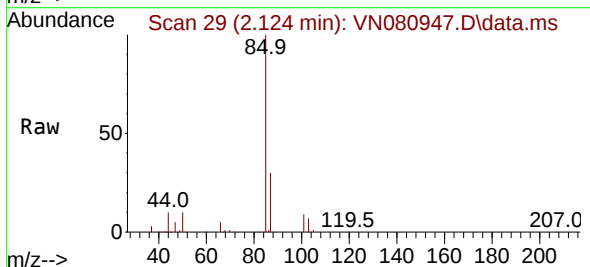
APPROVED

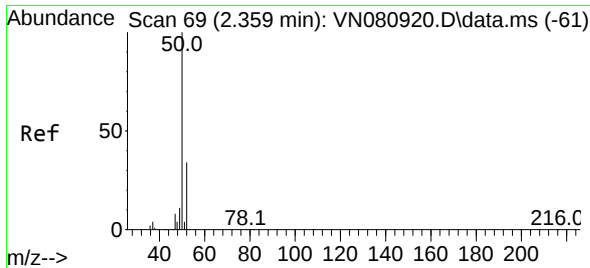
Reviewed By :John Carlone 02/08/2024
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#2
Dichlorodifluoromethane
Concen: 45.792 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

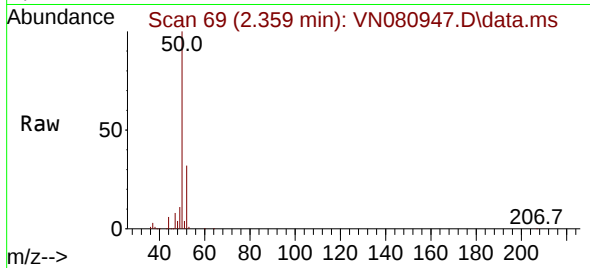
Tgt Ion: 85 Resp: 209495
Ion Ratio Lower Upper
85 100
87 29.9 15.3 45.9





#3
Chloromethane
Concen: 49.435 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

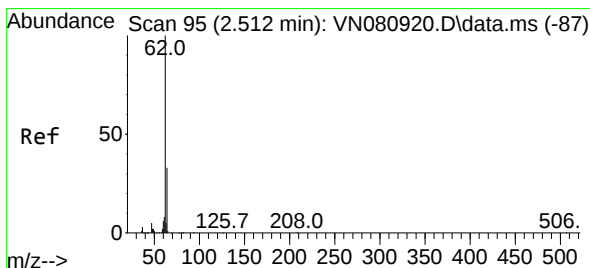
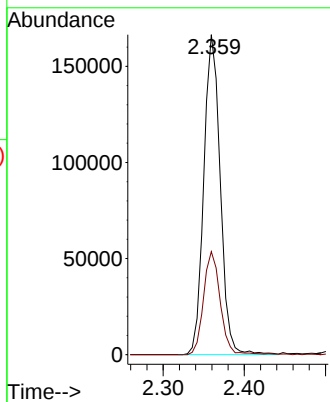
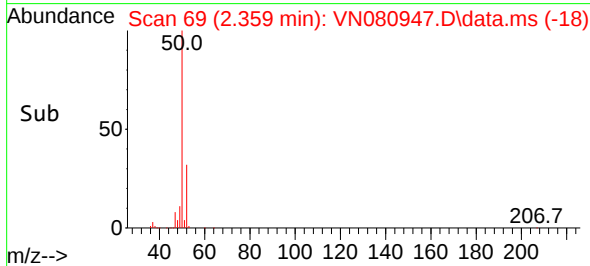
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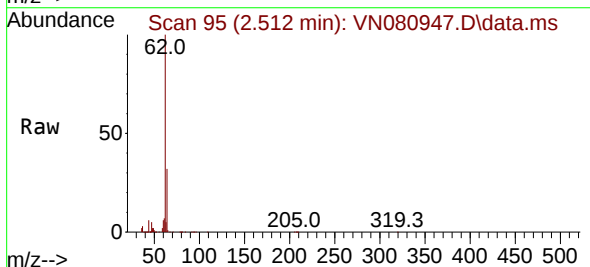
Tgt Ion: 50 Resp: 234379
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4

Manual Integrations
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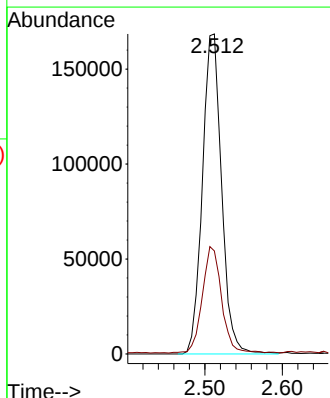
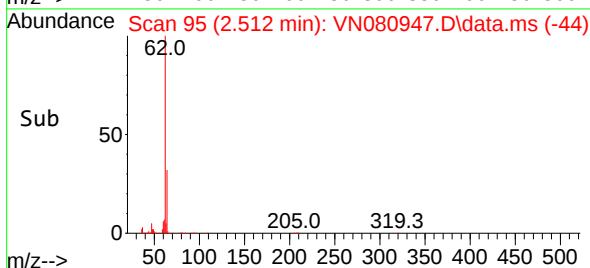
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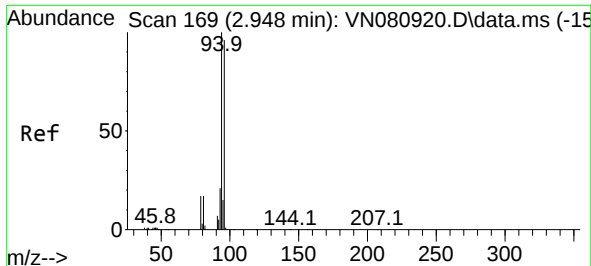


#4
Vinyl Chloride
Concen: 48.522 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



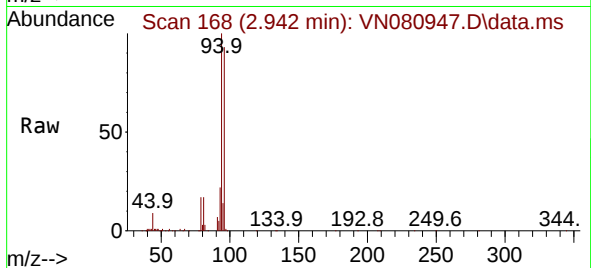
Tgt Ion: 62 Resp: 289912
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1





#5
Bromomethane
Concen: 44.697 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080947.D
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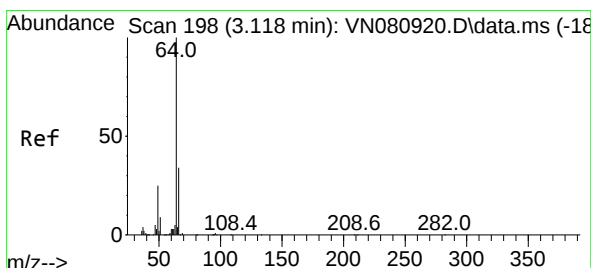
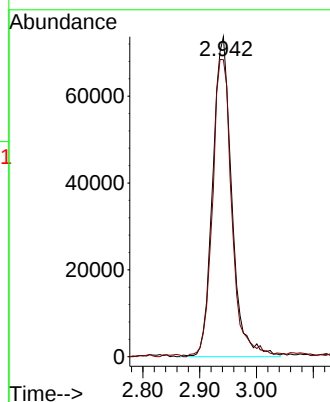
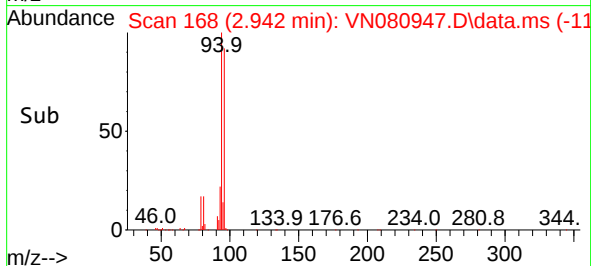
Instrument :
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Tgt Ion: 94 Resp: 171804
Ion Ratio Lower Upper
94 100
96 92.3 69.2 103.8

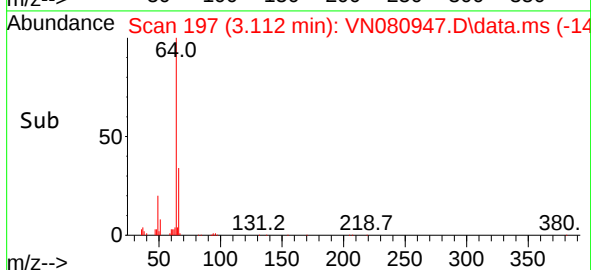
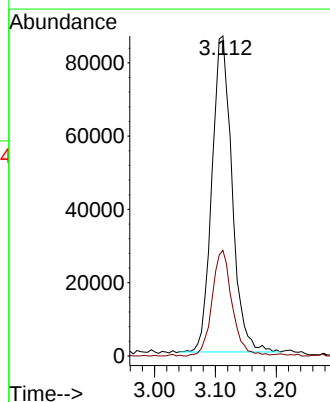
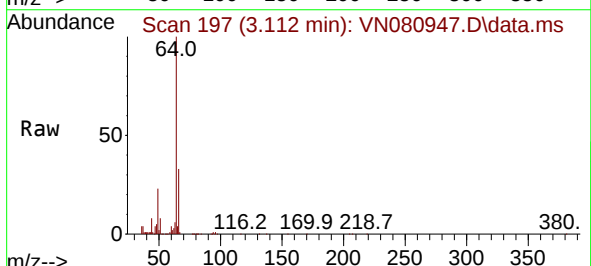
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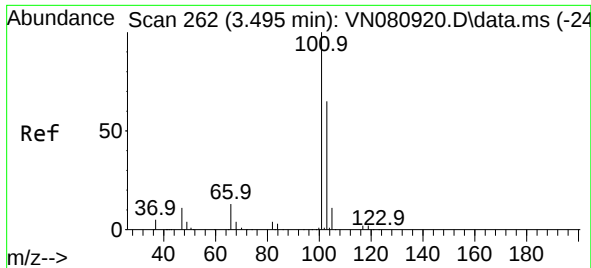
Reviewed By :John Carlone 02/08/2024
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#6
Chloroethane
Concen: 46.949 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

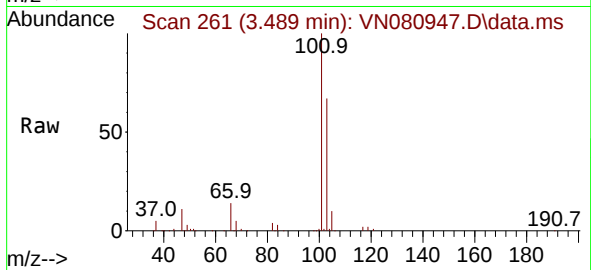
Tgt Ion: 64 Resp: 197827
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 47.560 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

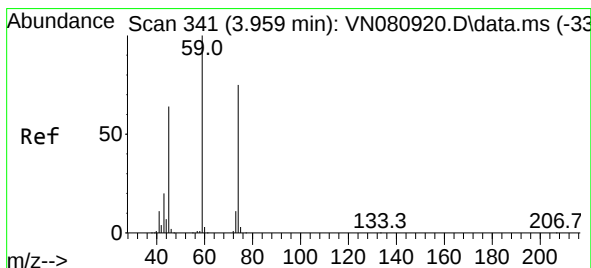
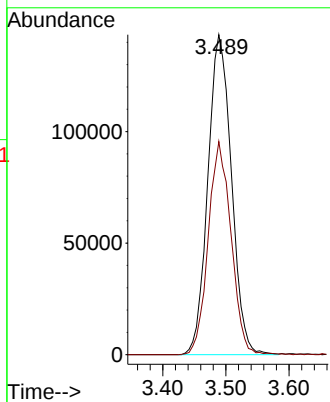
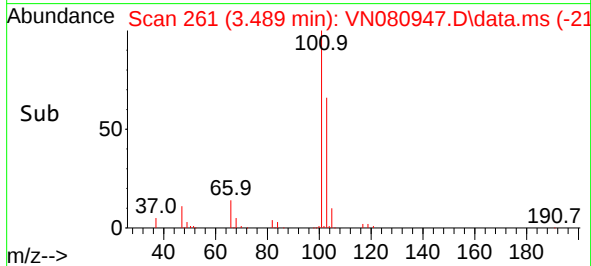
Instrument :
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Tgt Ion:101 Resp: 372070
Ion Ratio Lower Upper
101 100
103 66.6 54.4 81.6

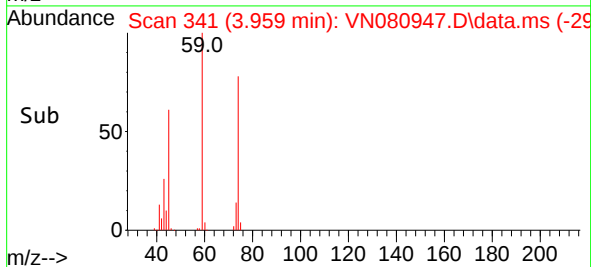
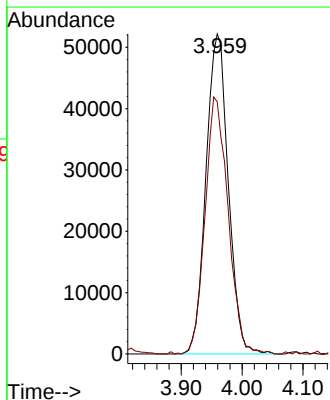
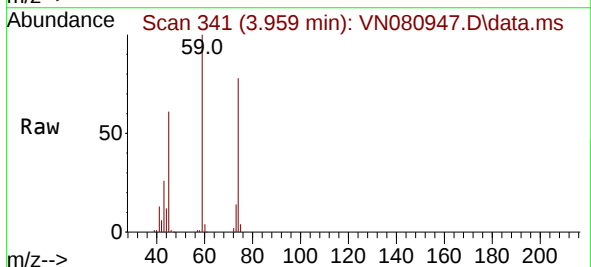
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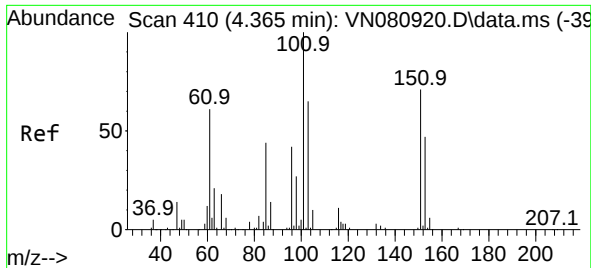
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#8
Diethyl Ether
Concen: 47.519 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080947.D
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Tgt Ion: 74 Resp: 132819
Ion Ratio Lower Upper
74 100
45 83.1 53.3 159.9





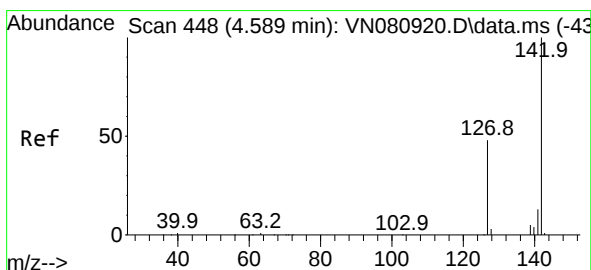
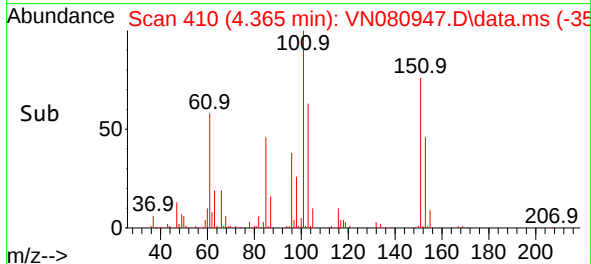
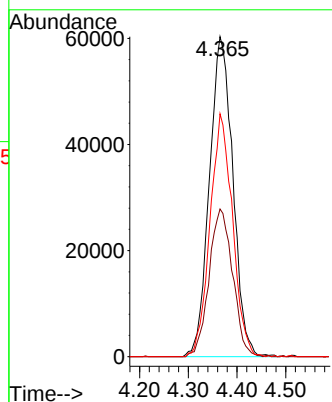
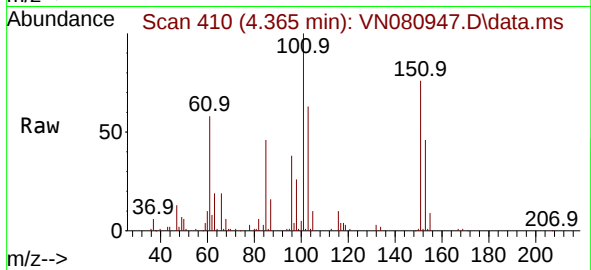
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.798 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS

Tgt Ion:101 Resp: 201548
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 73.0 49.1 73.7

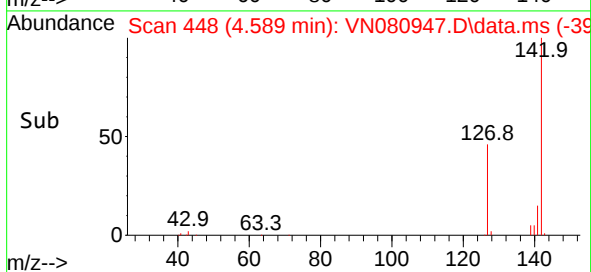
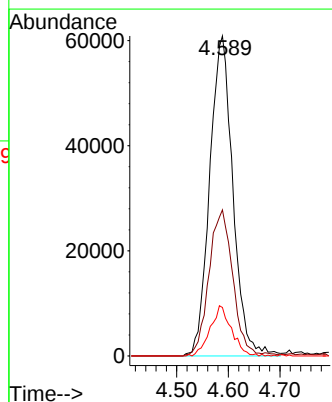
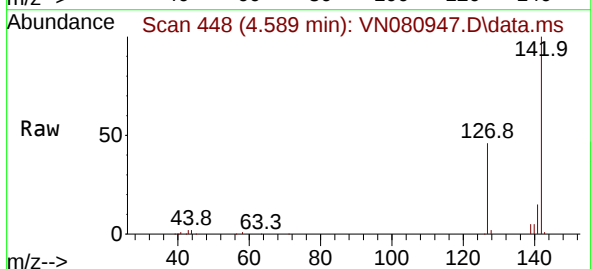
Manual Integrations
APPROVED

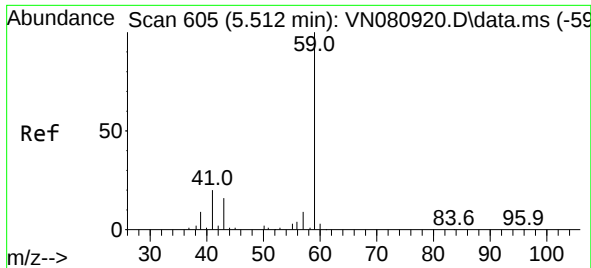
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#10
Methyl Iodide
Concen: 44.569 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

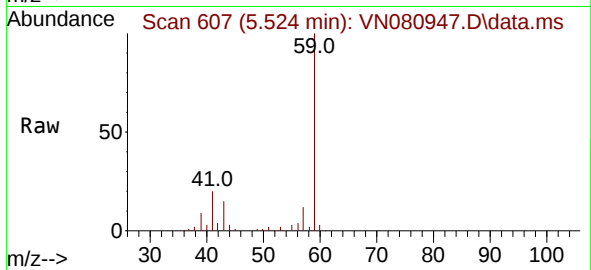
Tgt Ion:142 Resp: 189684
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 15.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 276.798 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

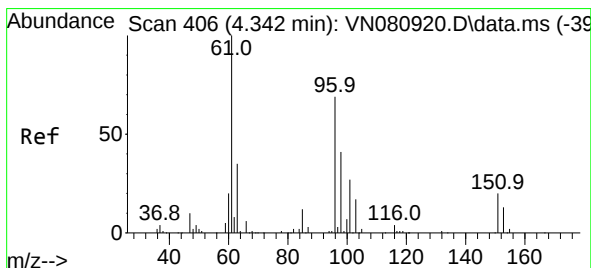
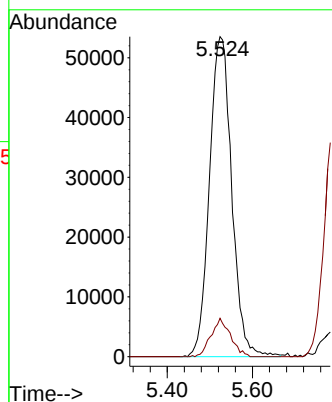
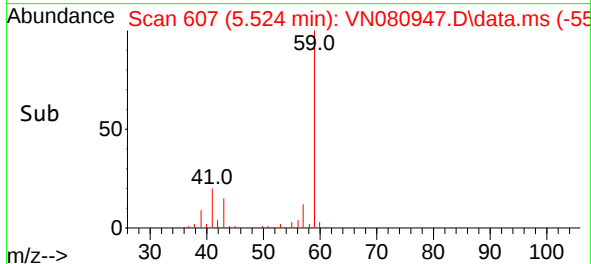
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



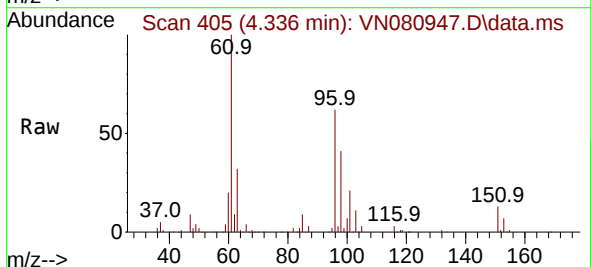
Tgt Ion: 59 Resp: 194279
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
APPROVED

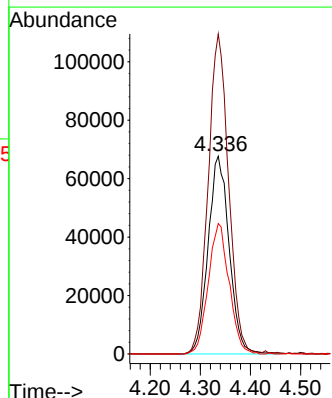
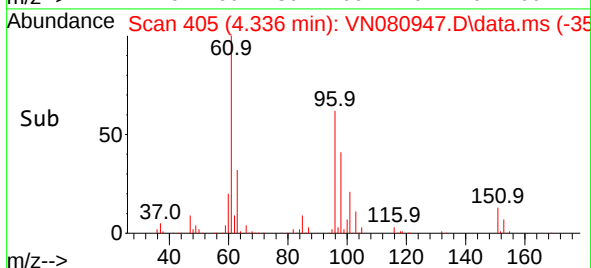
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

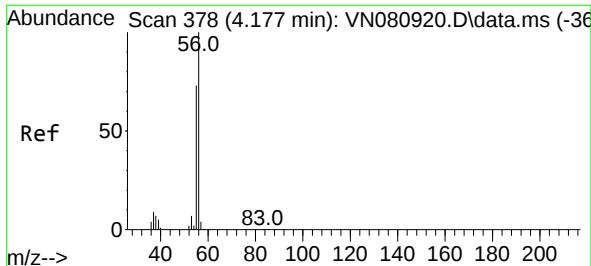


#12
1,1-Dichloroethene
Concen: 45.607 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



Tgt Ion: 96 Resp: 197450
Ion Ratio Lower Upper
96 100
61 161.8 138.2 207.4
98 66.0 49.2 73.8





#13

Acrolein

Concen: 251.912 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 56 Resp: 222849

Ion Ratio Lower Upper

56 100

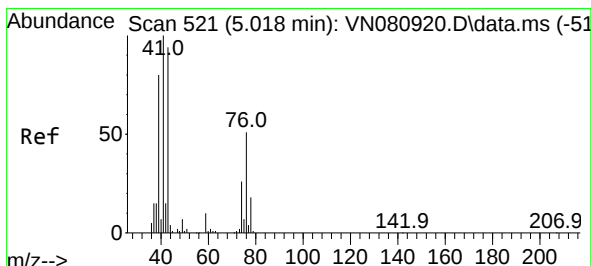
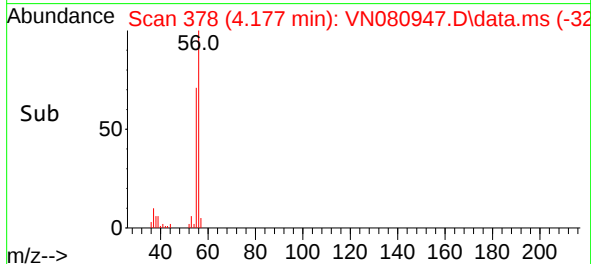
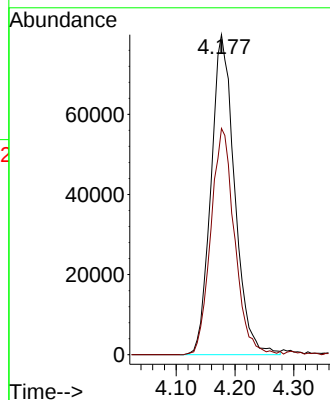
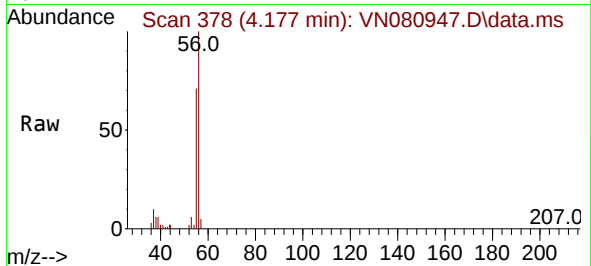
55 70.9 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#14

Allyl chloride

Concen: 45.592 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

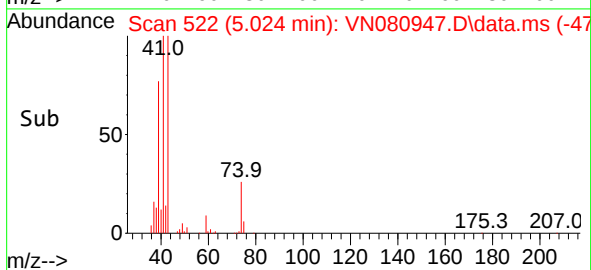
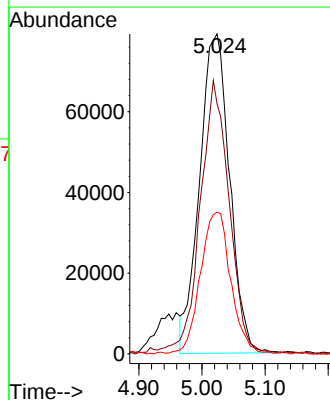
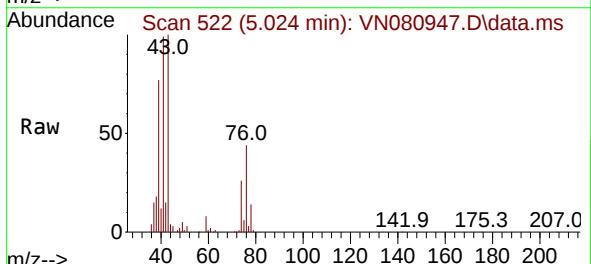
Tgt Ion: 41 Resp: 261530

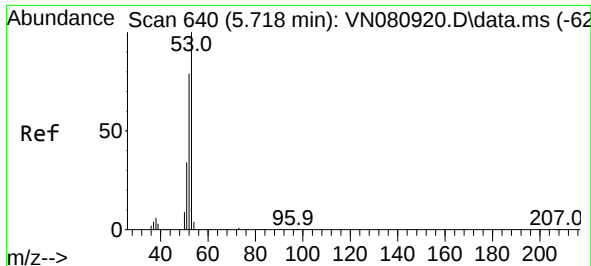
Ion Ratio Lower Upper

41 100

39 81.6 57.7 86.5

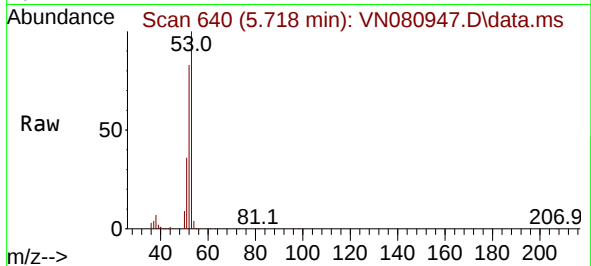
76 44.2 26.8 40.2#





#15
Acrylonitrile
Concen: 268.585 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

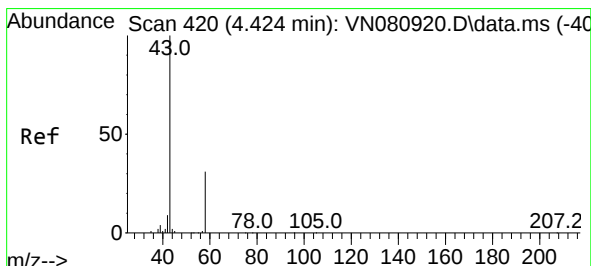
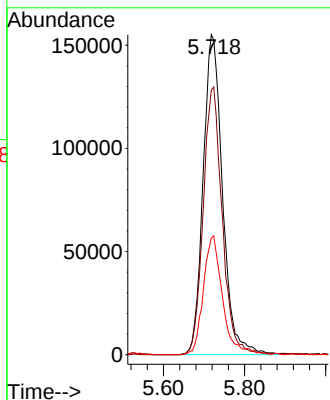
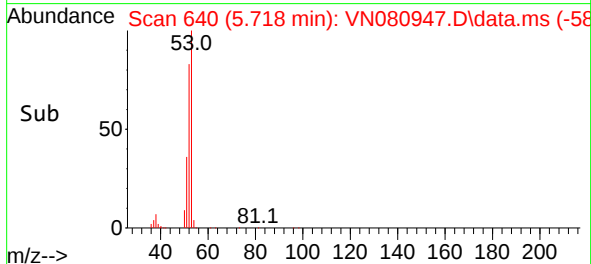
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 53 Resp: 515290
Ion Ratio Lower Upper
53 100
52 82.0 64.8 97.2
51 36.5 26.9 40.3

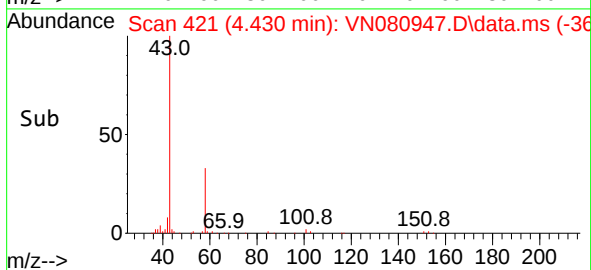
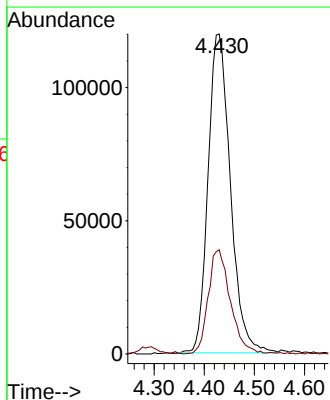
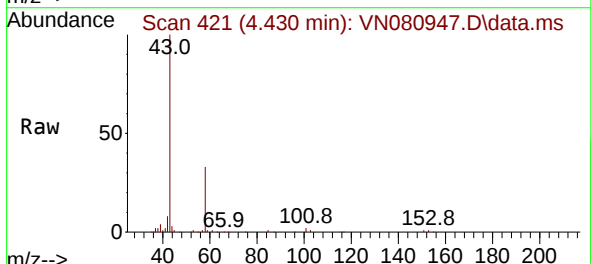
Manual Integrations
APPROVED

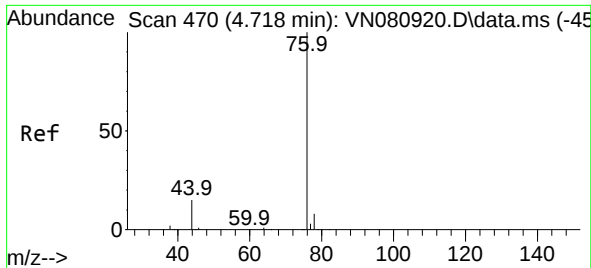
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#16
Acetone
Concen: 221.106 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

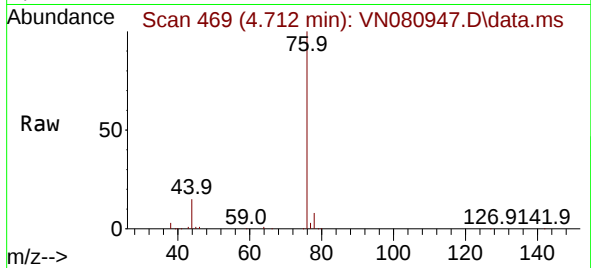
Tgt Ion: 43 Resp: 370566
Ion Ratio Lower Upper
43 100
58 32.5 24.8 37.2





#17
Carbon Disulfide
Concen: 43.554 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

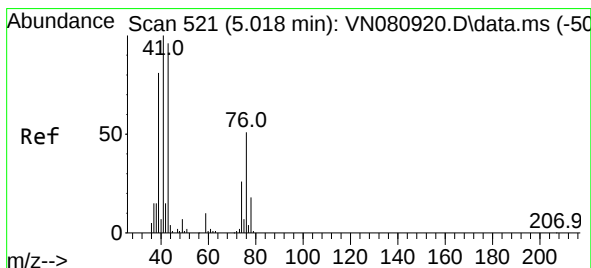
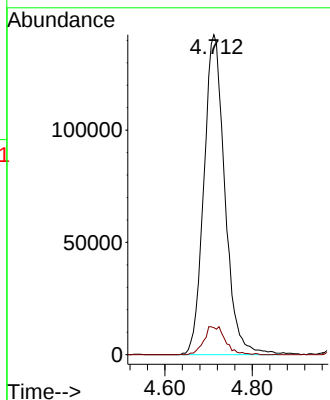
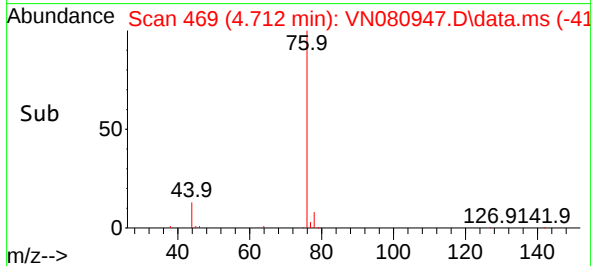
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



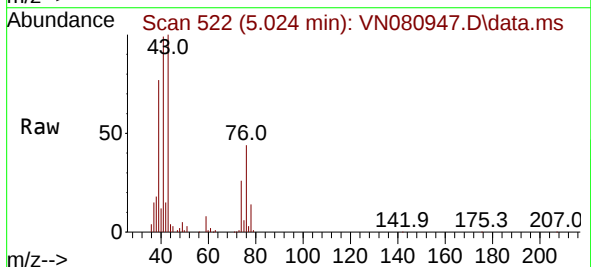
Tgt Ion: 76 Resp: 475599
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5

Manual Integrations
APPROVED

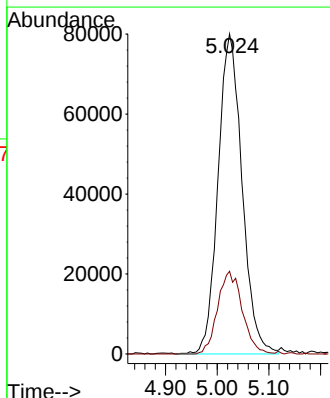
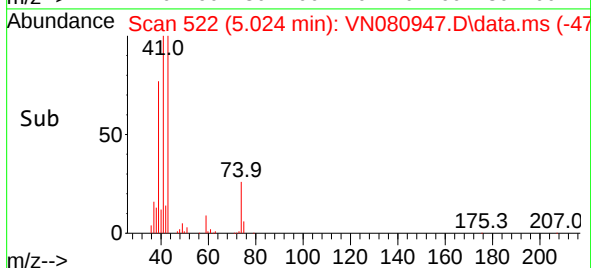
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

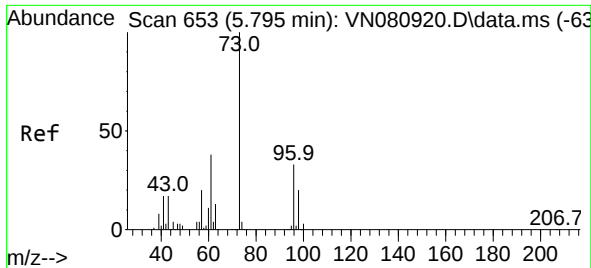


#18
Methyl Acetate
Concen: 52.269 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



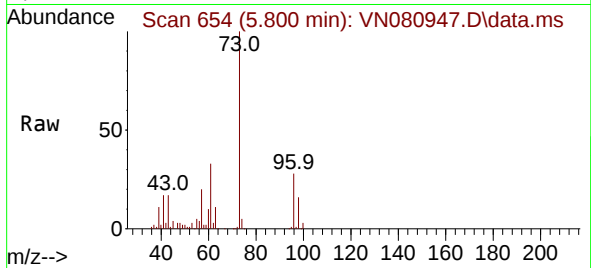
Tgt Ion: 43 Resp: 258264
Ion Ratio Lower Upper
43 100
74 26.4 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 50.120 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

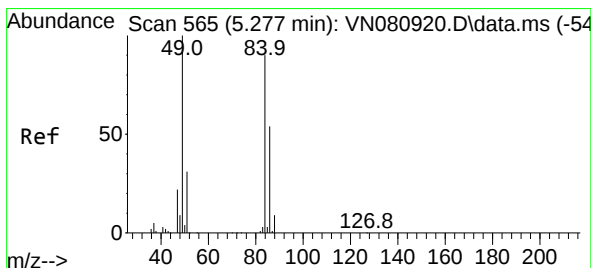
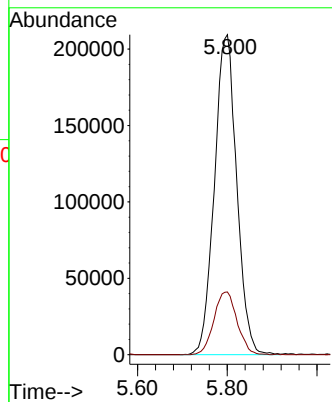
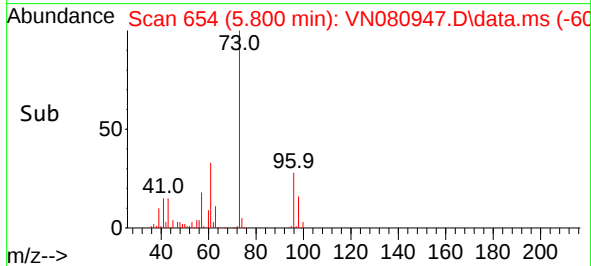
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 73 Resp: 722770
Ion Ratio Lower Upper
73 100
57 19.6 18.2 27.4

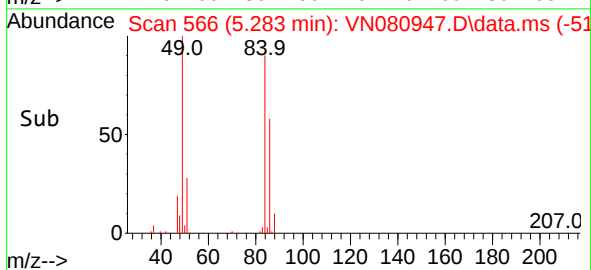
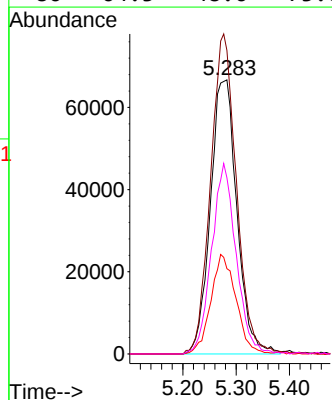
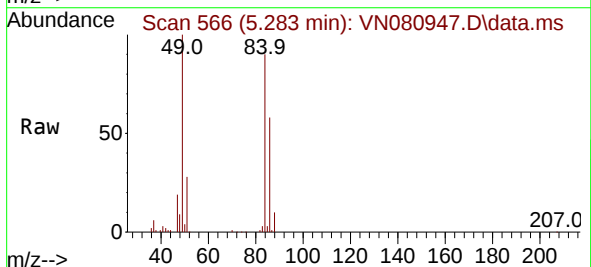
Manual Integrations
APPROVED

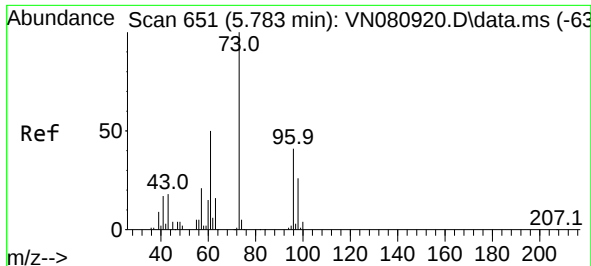
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#20
Methylene Chloride
Concen: 45.484 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

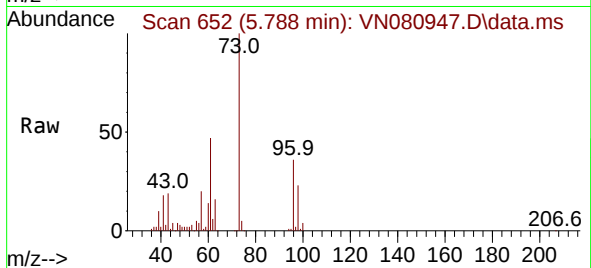
Tgt Ion: 84 Resp: 230955
Ion Ratio Lower Upper
84 100
49 110.8 108.1 162.1
51 31.1 32.9 49.3#
86 64.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 46.075 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

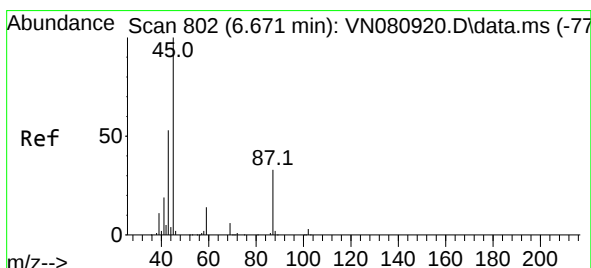
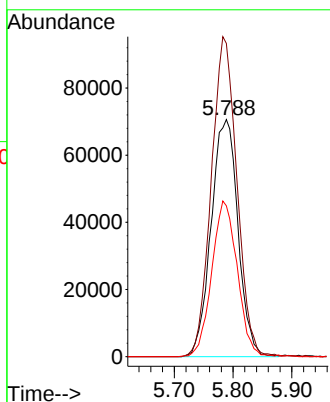
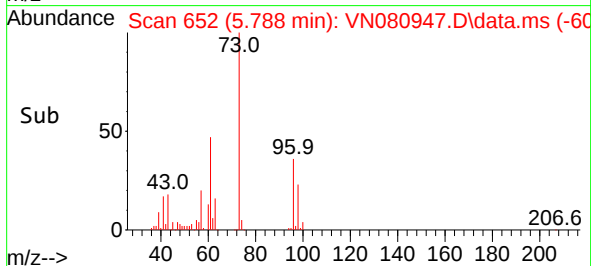
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 96 Resp: 223919
Ion Ratio Lower Upper
96 100
61 132.1 112.8 169.2
98 63.6 51.0 76.4

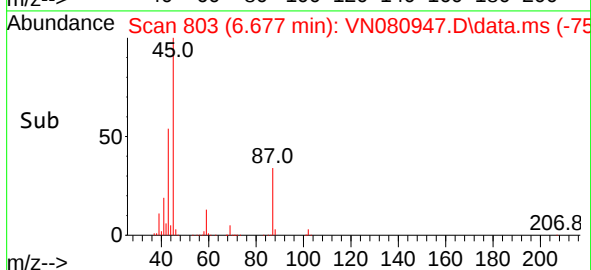
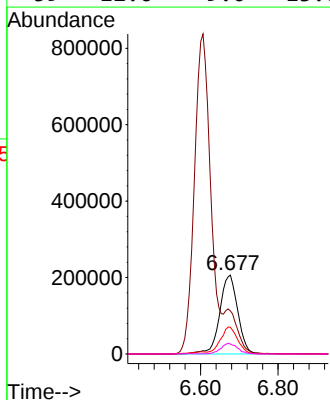
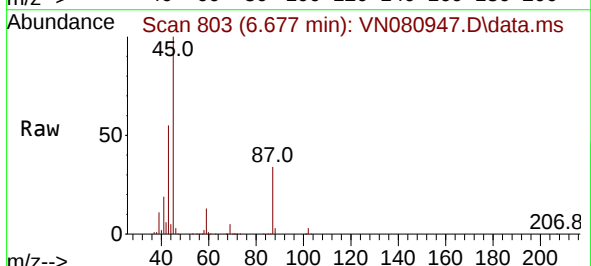
Manual Integrations
APPROVED

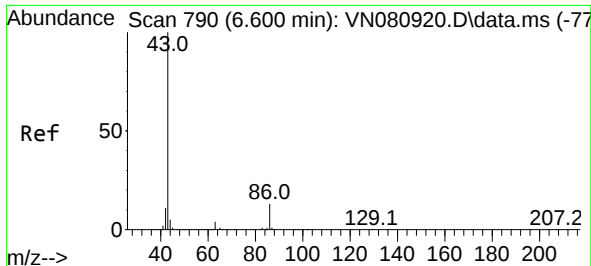
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#22
Diisopropyl ether
Concen: 50.187 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

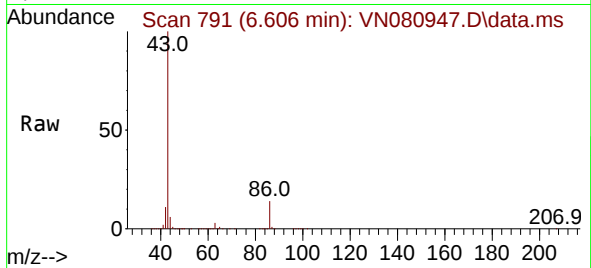
Tgt Ion: 45 Resp: 667290
Ion Ratio Lower Upper
45 100
43 53.9 41.8 62.8
87 33.7 18.1 27.1#
59 12.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 279.719 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080947.D
 Acq: 07 Feb 2024 19:39

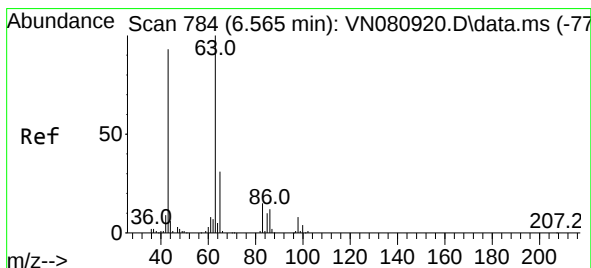
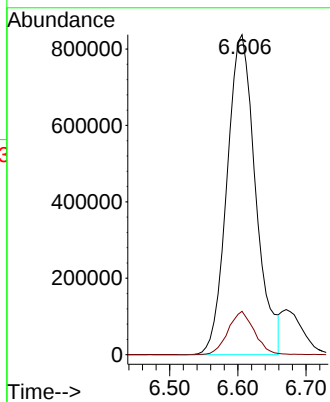
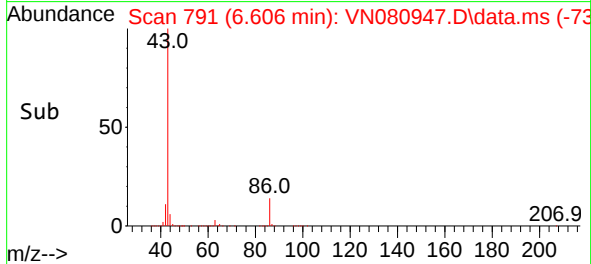
Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63MS



Tgt Ion: 43 Resp: 2450744
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7

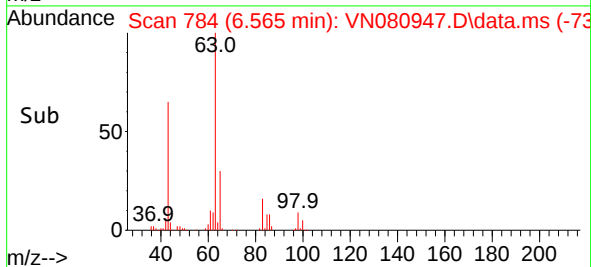
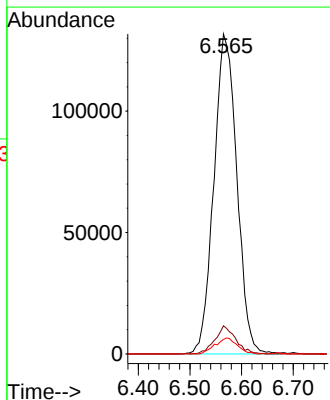
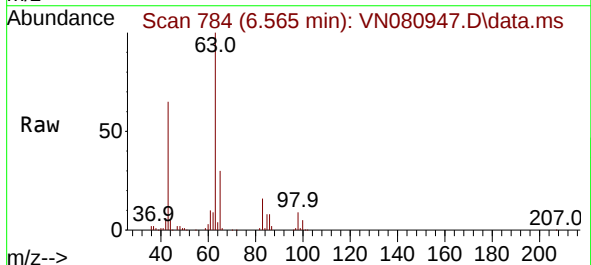
Manual Integrations
 APPROVED

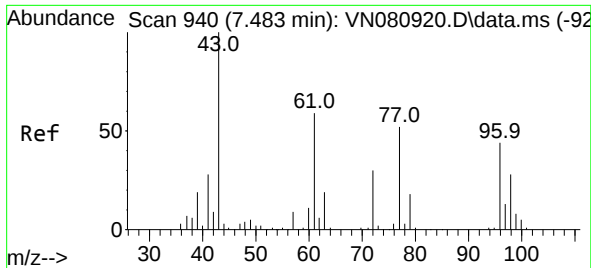
Reviewed By :John Carlone 02/08/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024



#24
 1,1-Dichloroethane
 Concen: 47.018 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080947.D
 Acq: 07 Feb 2024 19:39

Tgt Ion: 63 Resp: 407129
 Ion Ratio Lower Upper
 63 100
 98 8.8 2.9 8.6#
 100 4.6 1.9 5.7





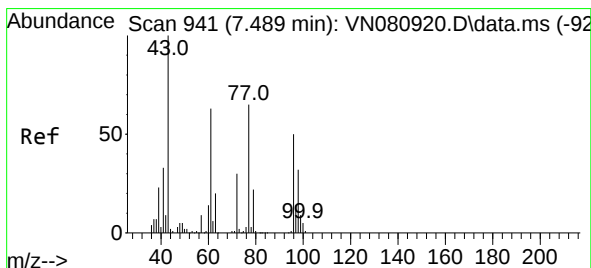
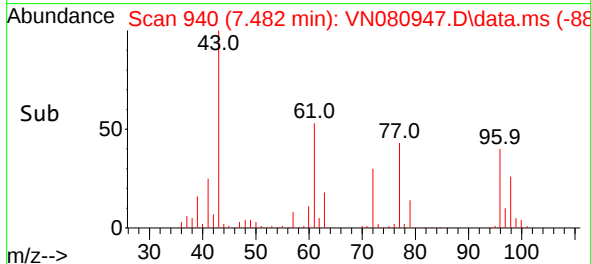
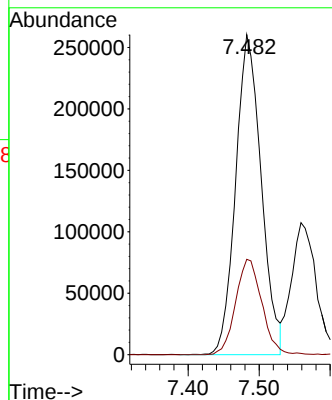
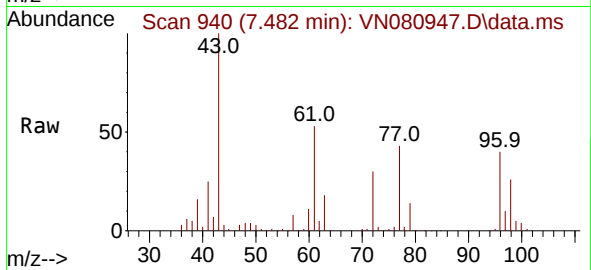
#25
2-Butanone
Concen: 242.740 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS

Tgt Ion: 43 Resp: 652985
Ion Ratio Lower Upper
43 100
72 29.8 19.5 29.3

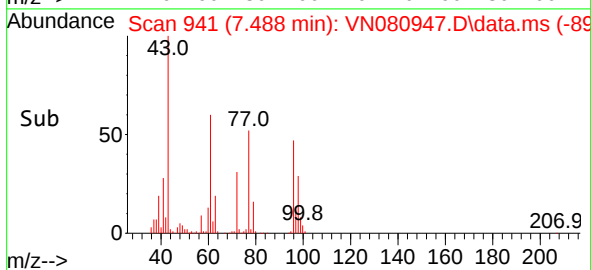
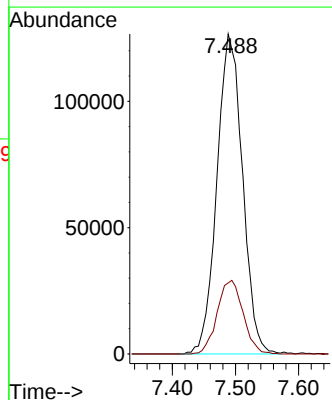
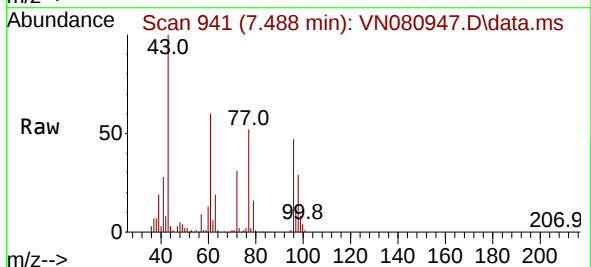
Manual Integrations
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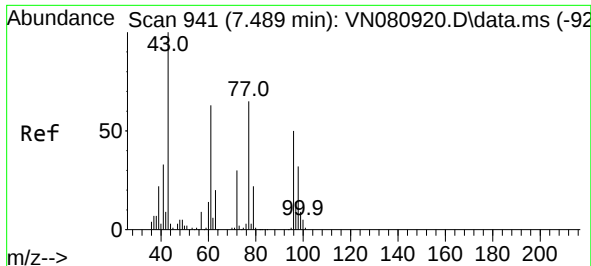
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#26
2,2-Dichloropropane
Concen: 45.024 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion: 77 Resp: 356513
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 51.505 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080947.D

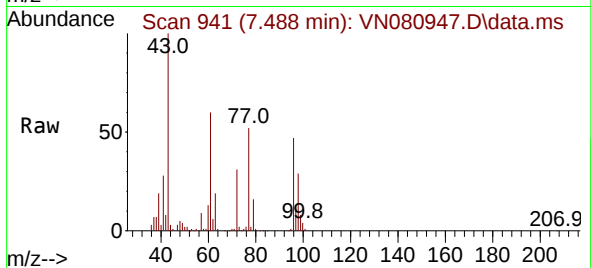
Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS



Tgt Ion: 96 Resp: 29085

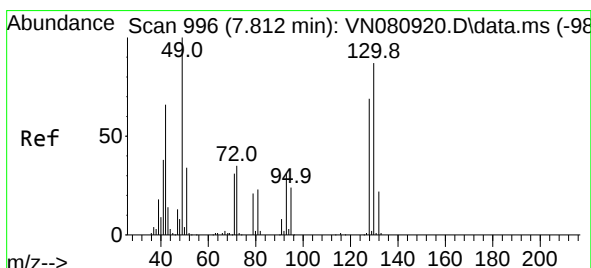
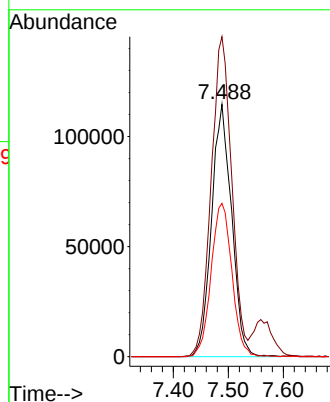
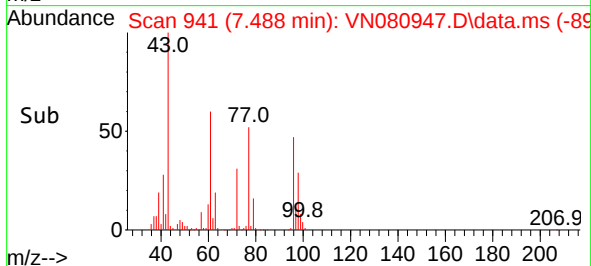
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	325.4
98	63.0	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#28

Bromochloromethane

Concen: 47.754 ug/l

RT: 7.818 min Scan# 997

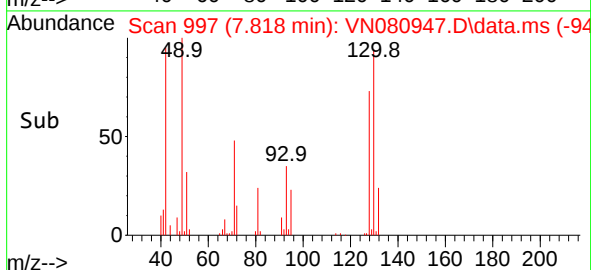
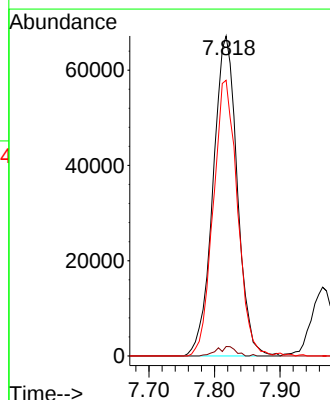
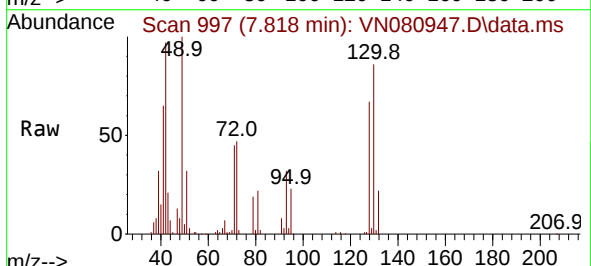
Delta R.T. 0.006 min

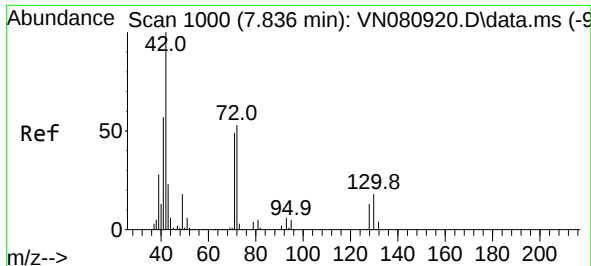
Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Tgt Ion: 49 Resp: 172062

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	1.6#
130	85.9	42.3	63.5#





#29

Tetrahydrofuran

Concen: 265.856 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 42 Resp: 437248

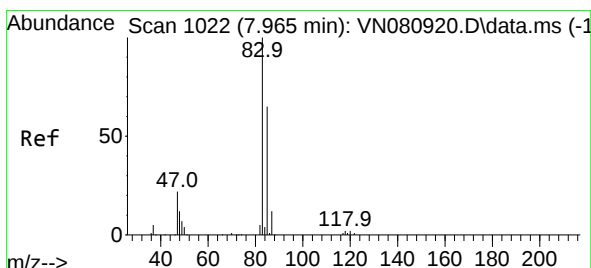
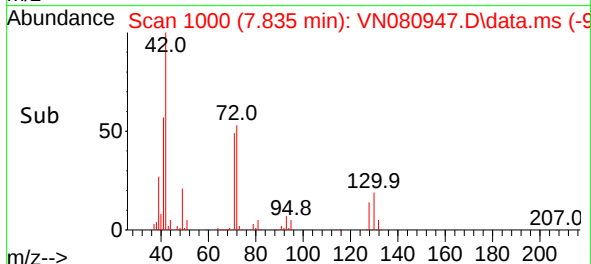
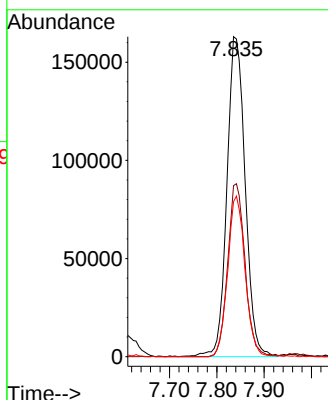
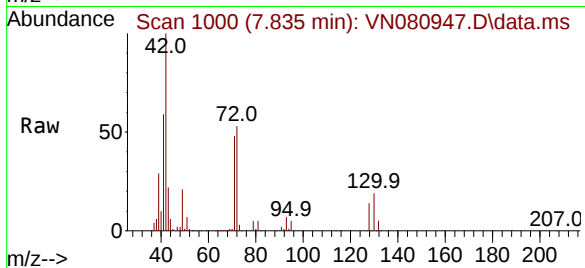
Ion	Ratio	Lower	Upper
42	100		
72	51.3	31.1	46.7
71	47.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#30

Chloroform

Concen: 48.452 ug/l

RT: 7.965 min Scan# 1022

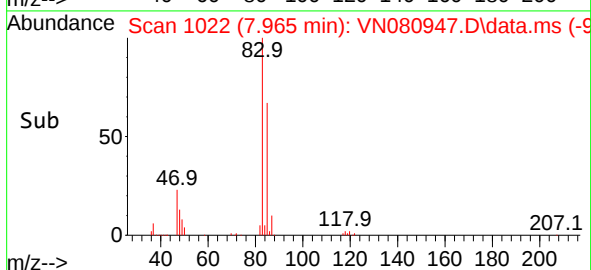
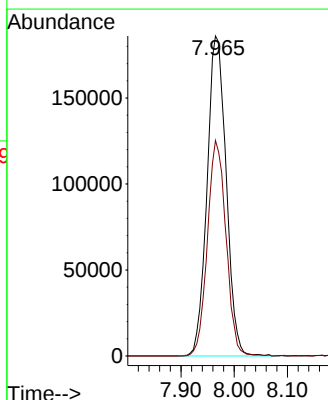
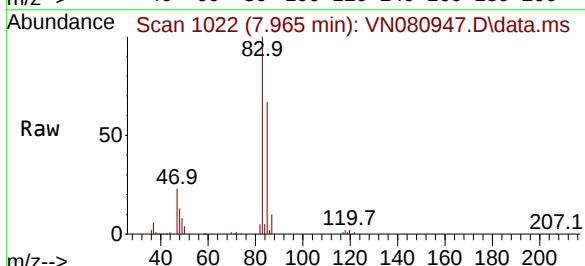
Delta R.T. -0.000 min

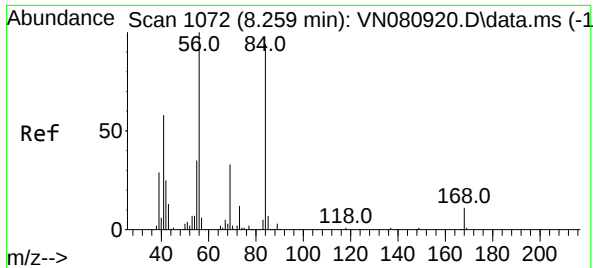
Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Tgt Ion: 83 Resp: 463661

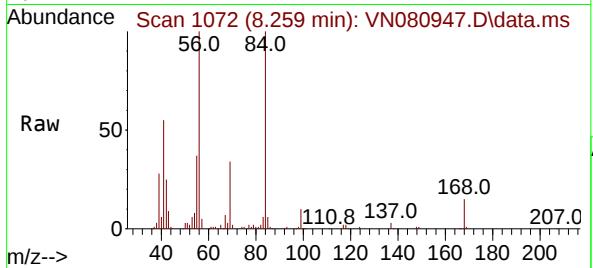
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.0	76.6





#31
Cyclohexane
Concen: 41.480 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

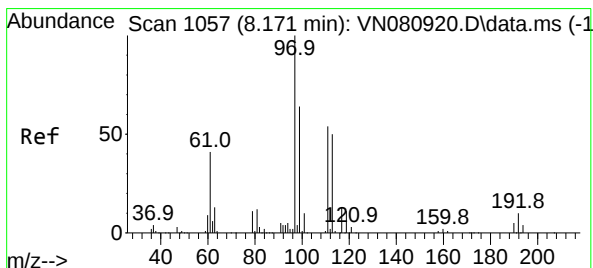
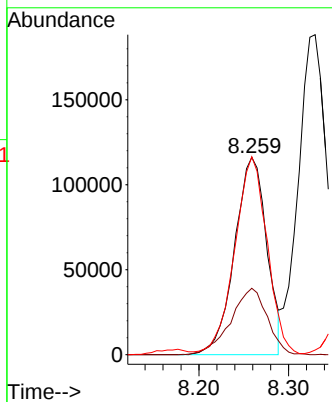
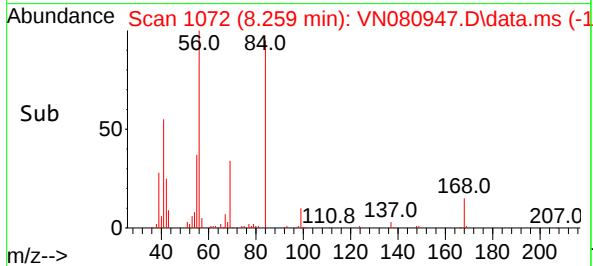
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 56 Resp: 288792
Ion Ratio Lower Upper
56 100
69 33.7 20.1 30.1
84 97.6 56.9 85.3

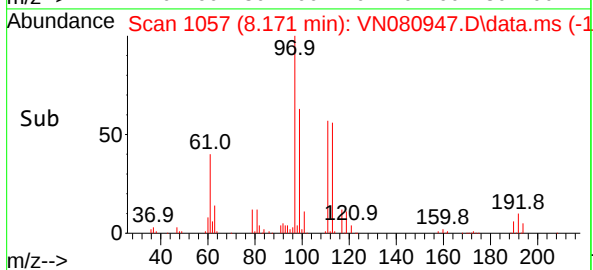
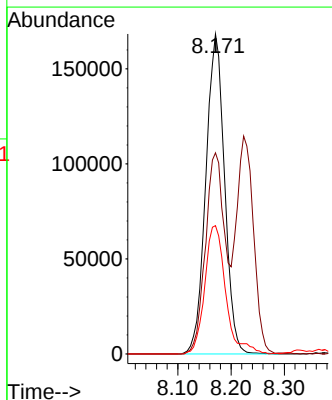
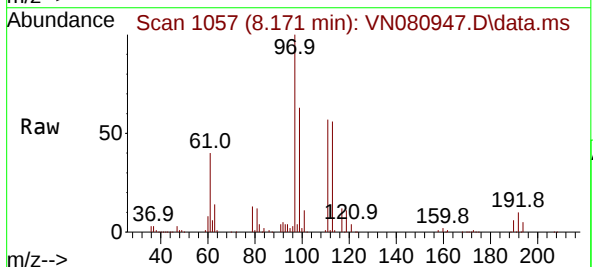
Manual Integrations
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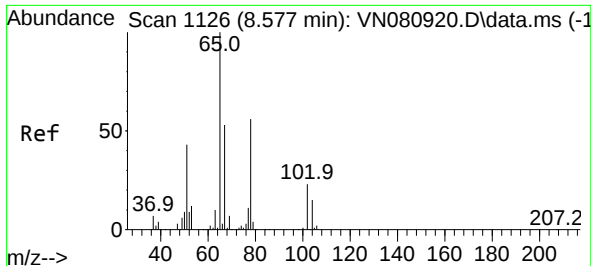
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#32
1,1,1-Trichloroethane
Concen: 49.571 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion: 97 Resp: 411038
Ion Ratio Lower Upper
97 100
99 66.7 53.4 80.0
61 44.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 65 Resp: 255904

Ion Ratio Lower Upper

65 100

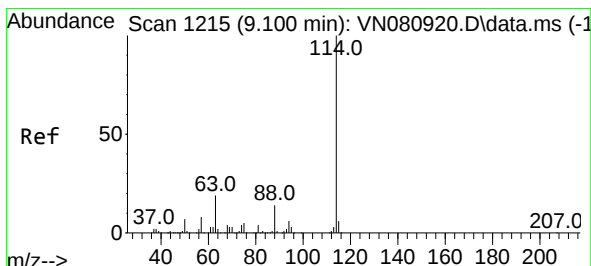
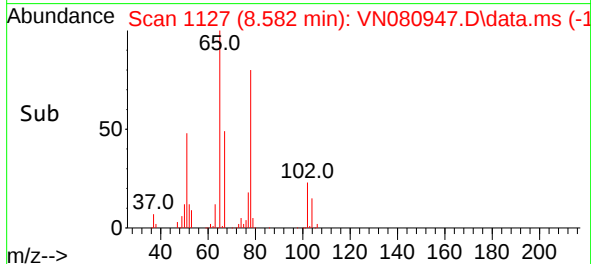
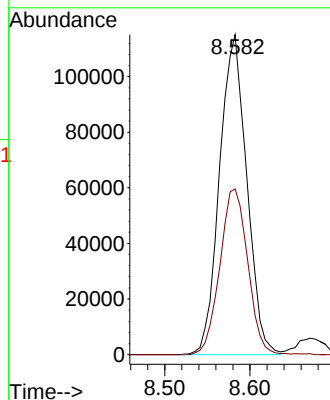
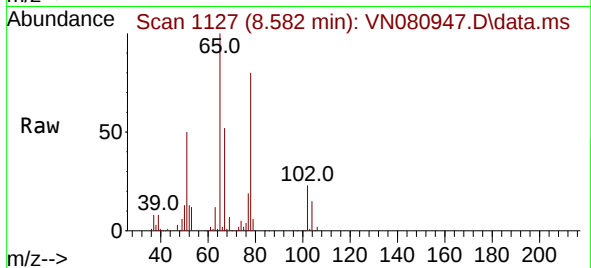
67 53.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

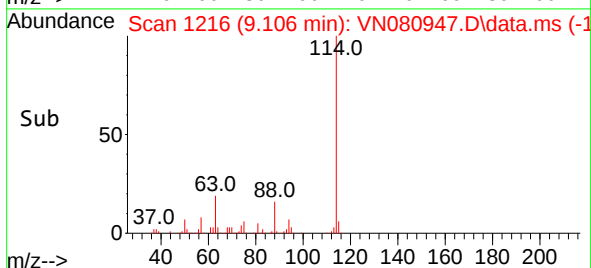
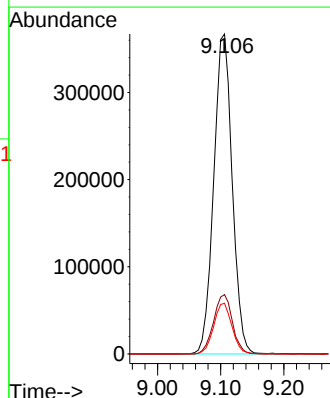
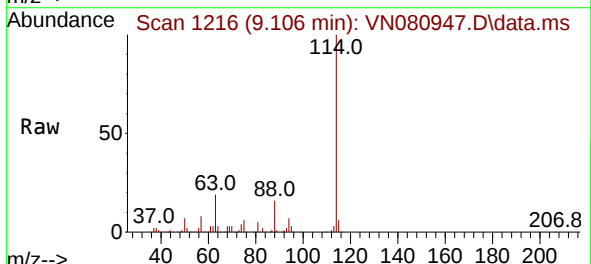
Tgt Ion:114 Resp: 745304

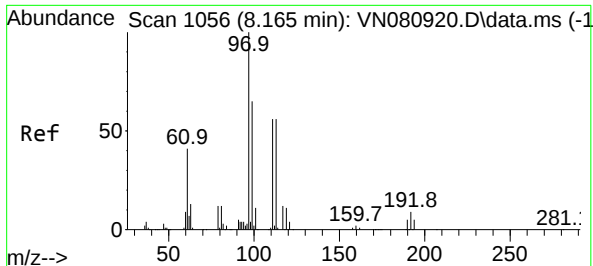
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.304 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion:113 Resp: 221178

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

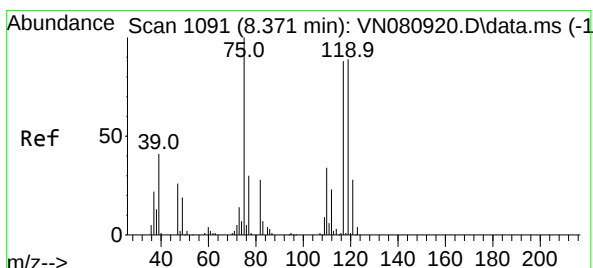
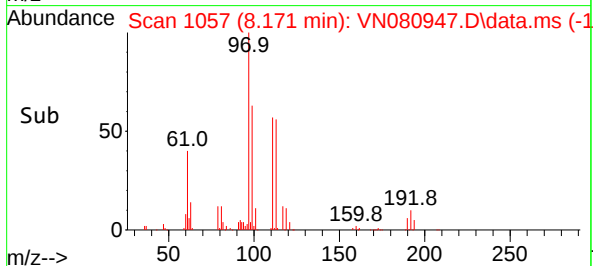
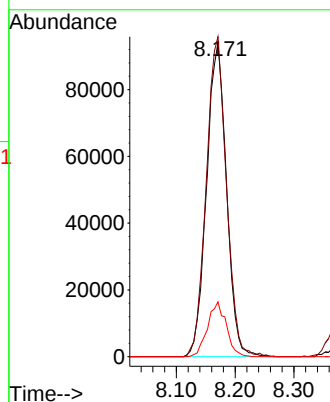
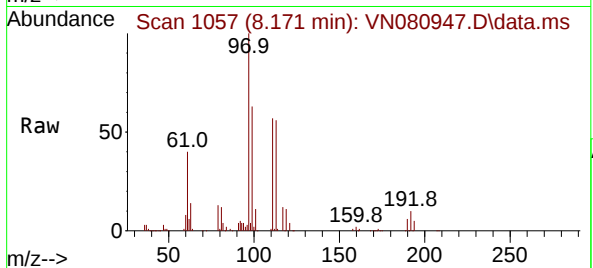
192 16.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#36

1,1-Dichloropropene

Concen: 53.439 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

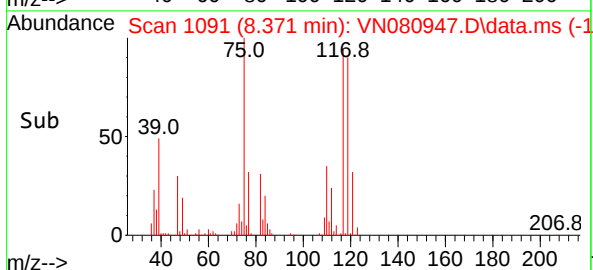
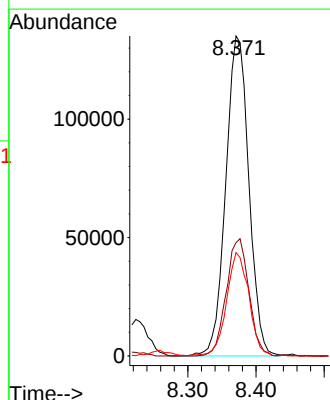
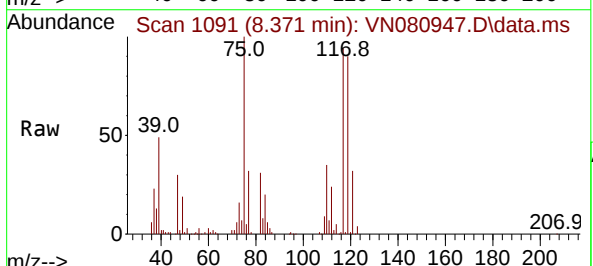
Tgt Ion: 75 Resp: 317940

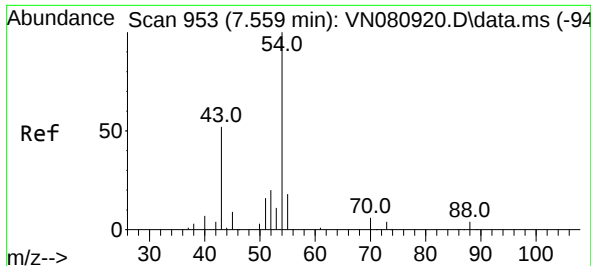
Ion Ratio Lower Upper

75 100

110 36.0 16.0 48.0

77 31.3 25.8 38.6





#37

Ethyl Acetate

Concen: 58.080 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 43 Resp: 26146

Ion Ratio Lower Upper

43 100

61 15.6 10.6 15.8

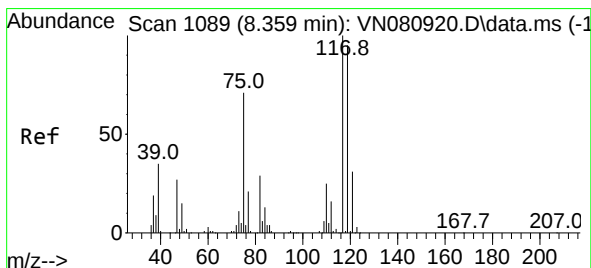
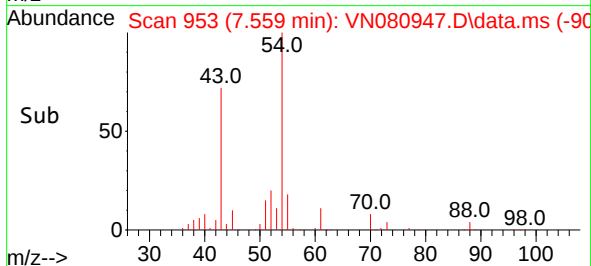
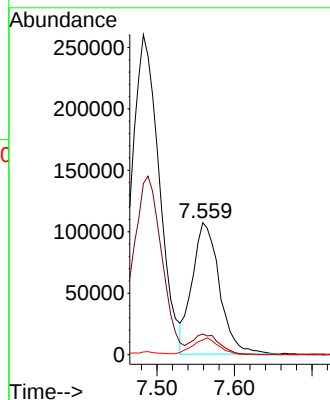
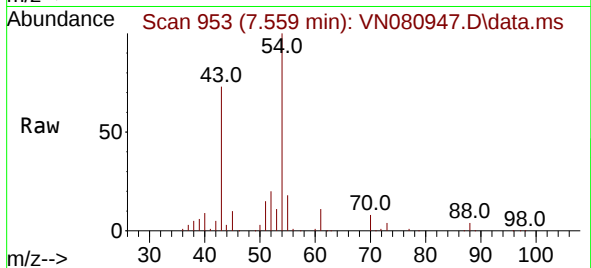
70 12.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#38

Carbon Tetrachloride

Concen: 56.576 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

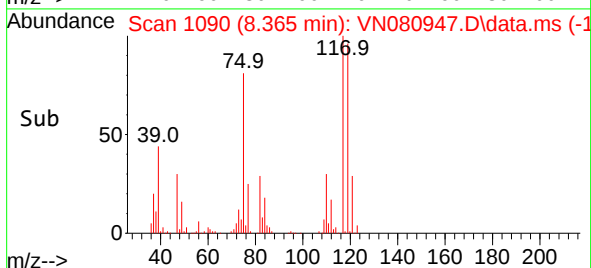
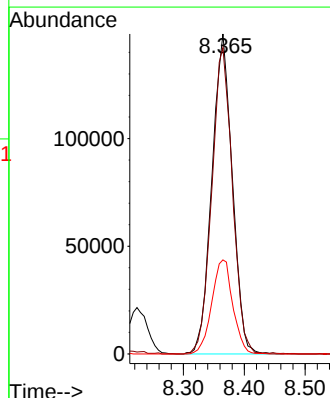
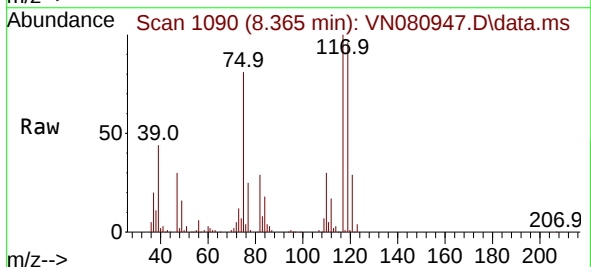
Tgt Ion:117 Resp: 345059

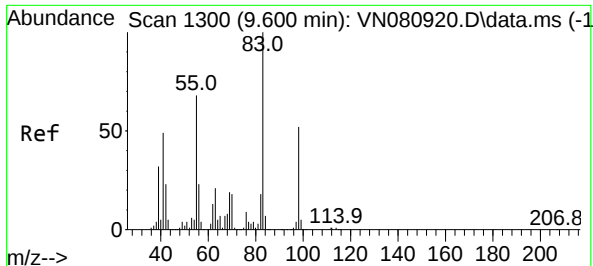
Ion Ratio Lower Upper

117 100

119 95.7 73.4 110.2

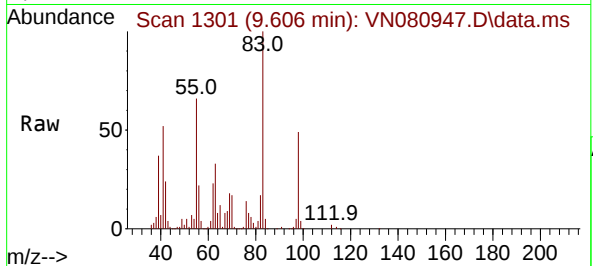
121 29.4 24.4 36.6





#39
Methylcyclohexane
Concen: 44.447 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

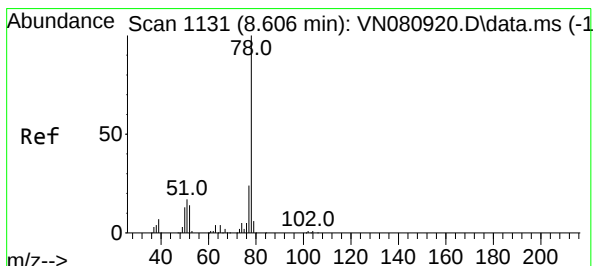
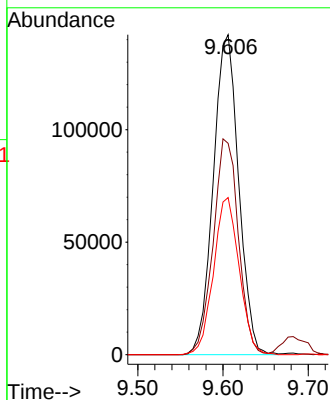
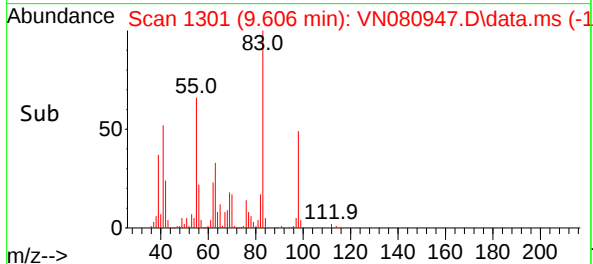
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 83 Resp: 294729
Ion Ratio Lower Upper
83 100
55 66.1 65.7 98.5
98 49.1 33.8 50.6

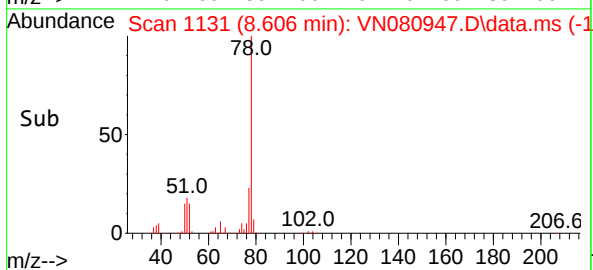
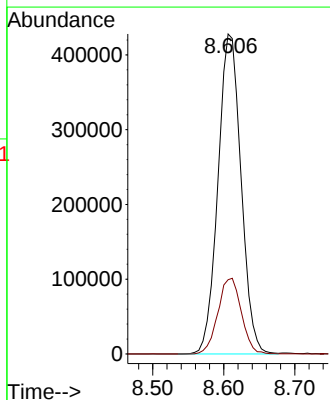
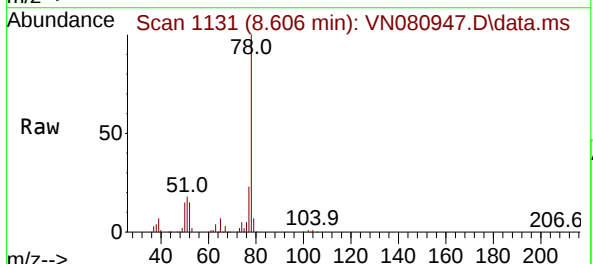
Manual Integrations
APPROVED

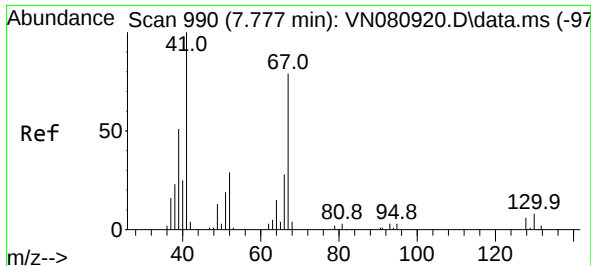
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#40
Benzene
Concen: 53.211 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

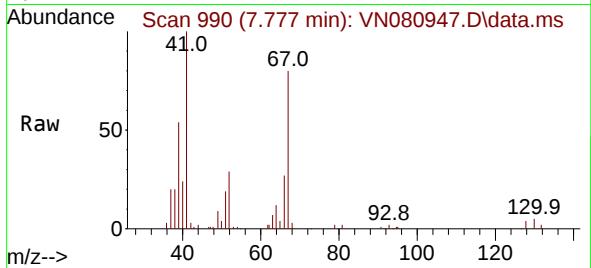
Tgt Ion: 78 Resp: 963662
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6





#41
Methacrylonitrile
Concen: 56.452 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

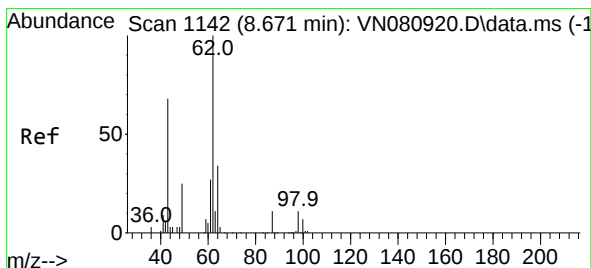
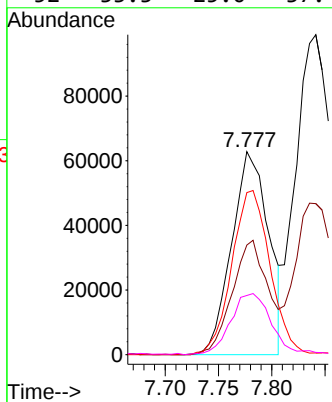
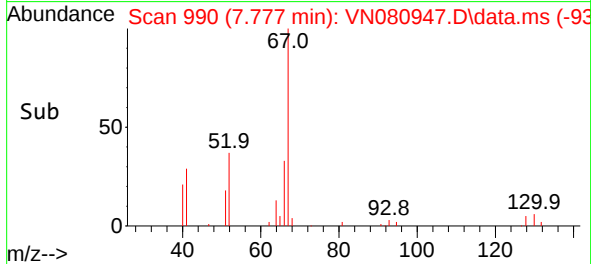
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 41 Resp: 15145
Ion Ratio Lower Upper
41 100
39 54.5 48.4 72.6
67 83.7 56.8 85.2
52 33.3 25.0 37.4

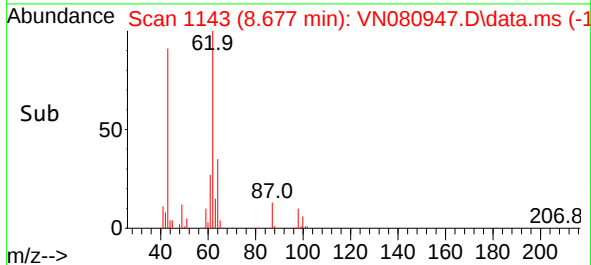
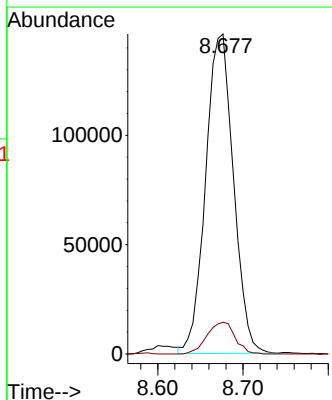
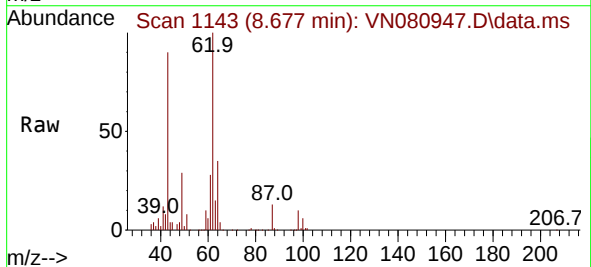
Manual Integrations
APPROVED

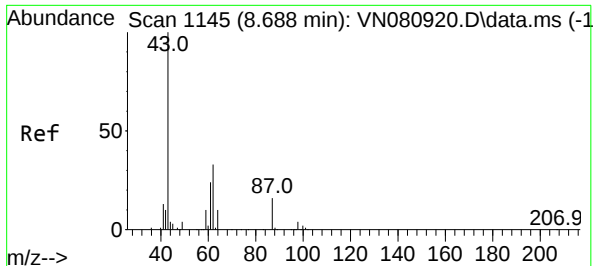
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#42
1,2-Dichloroethane
Concen: 52.589 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

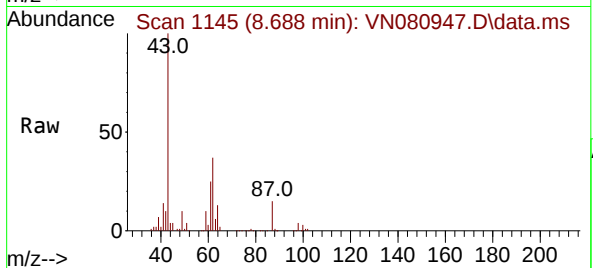
Tgt Ion: 62 Resp: 331607
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 59.216 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

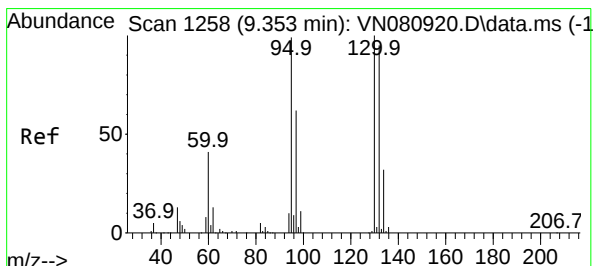
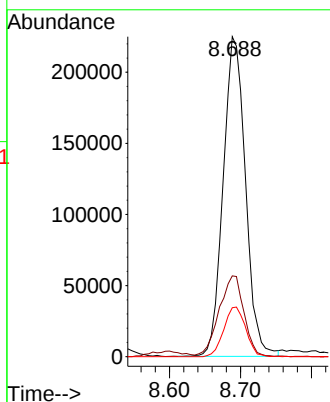
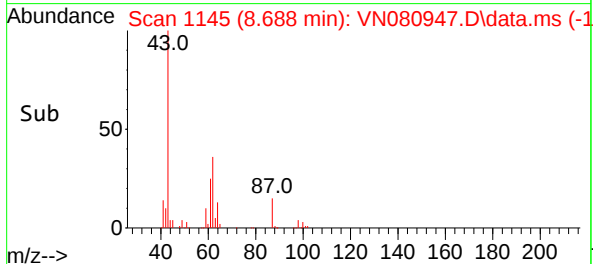
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



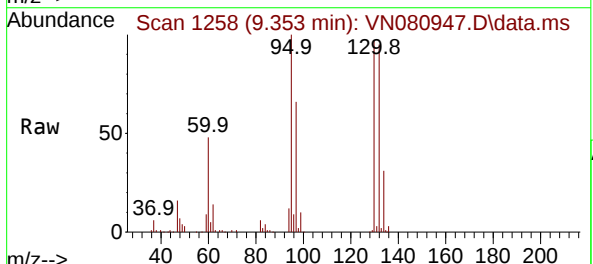
Tgt Ion: 43 Resp: 490215
Ion Ratio Lower Upper
43 100
61 28.3 19.9 29.9
87 15.3 9.0 13.6

Manual Integrations
APPROVED

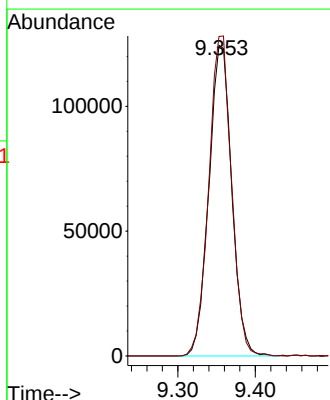
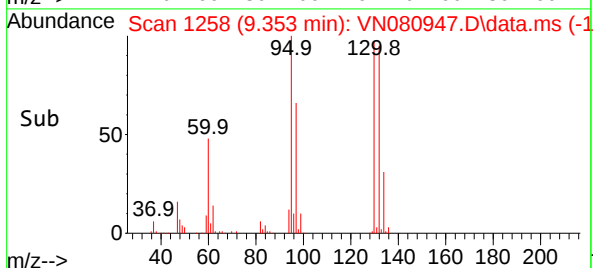
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

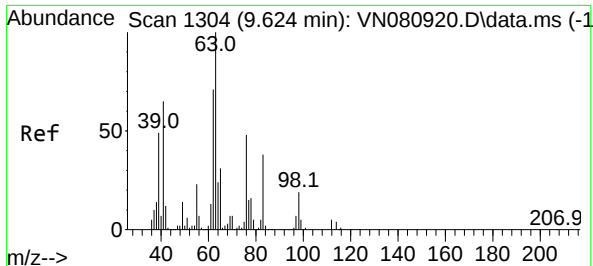


#44
Trichloroethene
Concen: 46.437 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



Tgt Ion:130 Resp: 255448
Ion Ratio Lower Upper
130 100
95 102.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.525 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 63 Resp: 237110

Ion Ratio Lower Upper

63 100

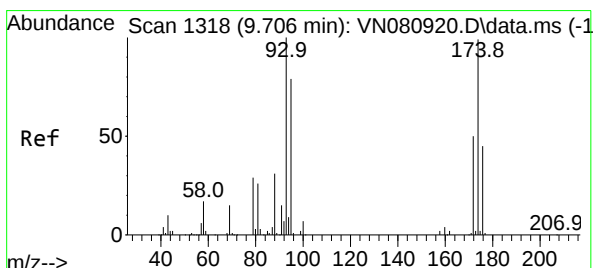
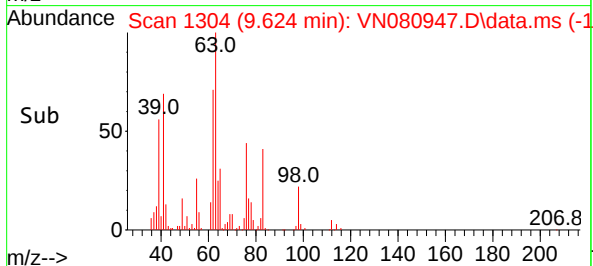
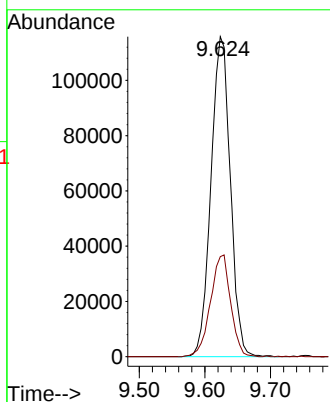
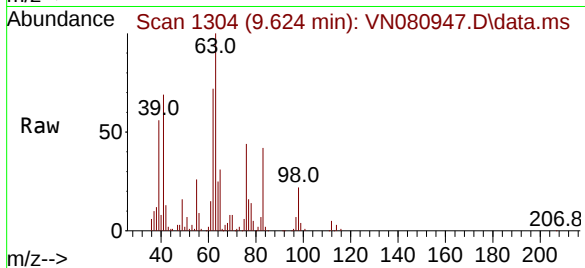
65 31.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#46

Dibromomethane

Concen: 49.529 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

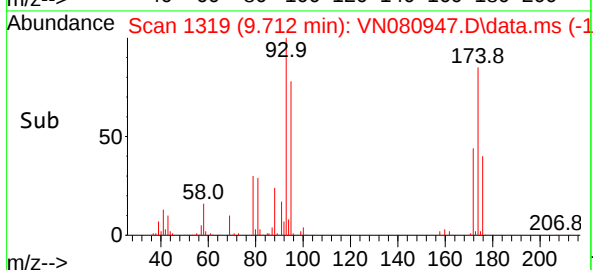
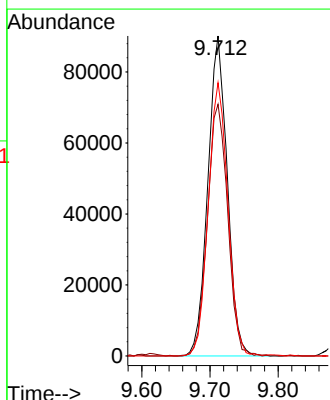
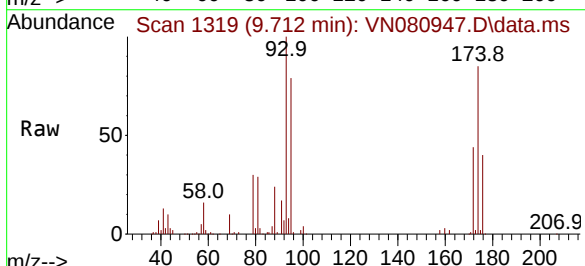
Tgt Ion: 93 Resp: 178961

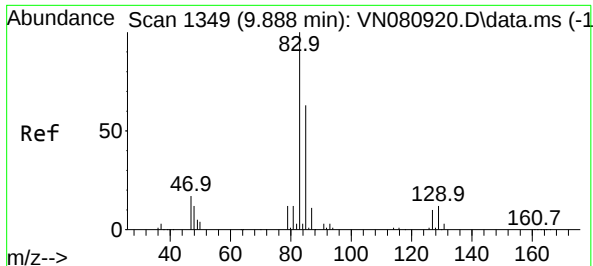
Ion Ratio Lower Upper

93 100

95 81.8 68.1 102.1

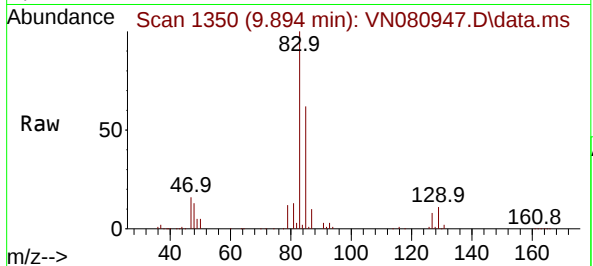
174 86.4 57.2 85.8





#47
Bromodichloromethane
Concen: 50.995 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

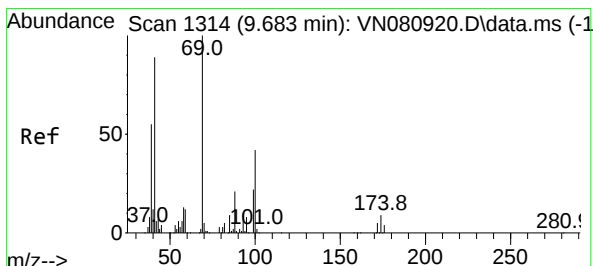
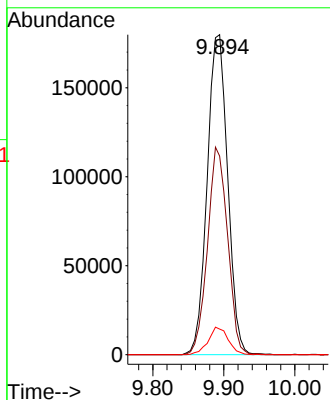
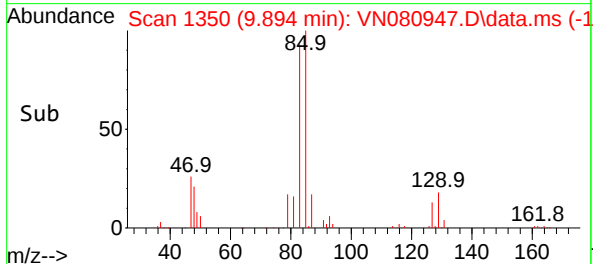
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



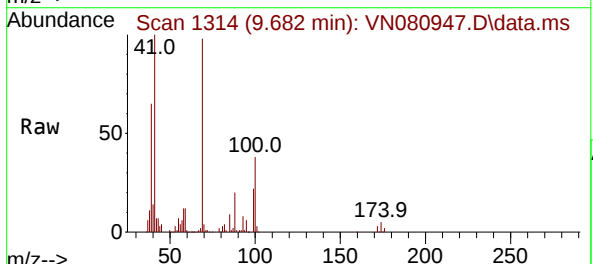
Tgt Ion: 83 Resp: 36040
Ion Ratio Lower Upper
83 100
85 62.1 52.3 78.5
127 8.0 4.6 7.0

Manual Integrations
APPROVED

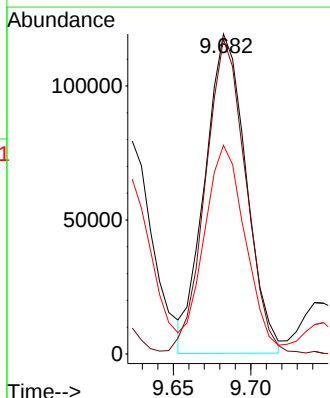
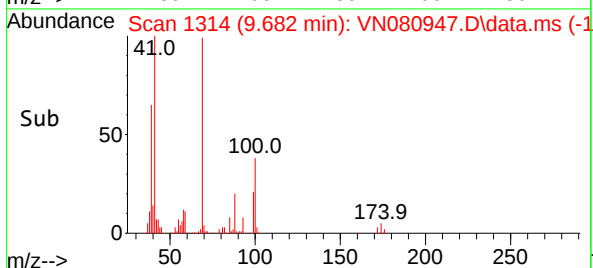
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

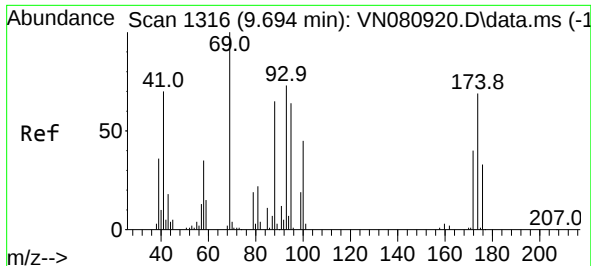


#48
Methyl methacrylate
Concen: 47.179 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



Tgt Ion: 41 Resp: 220053
Ion Ratio Lower Upper
41 100
69 97.2 62.2 93.2
39 65.7 47.6 71.4





#49

1,4-Dioxane

Concen: 1016.988 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

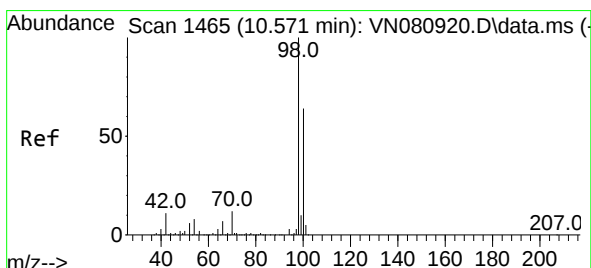
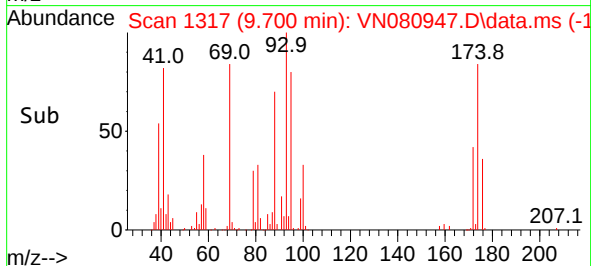
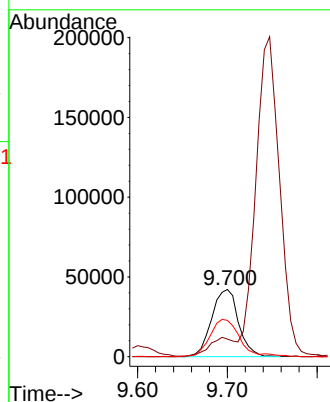
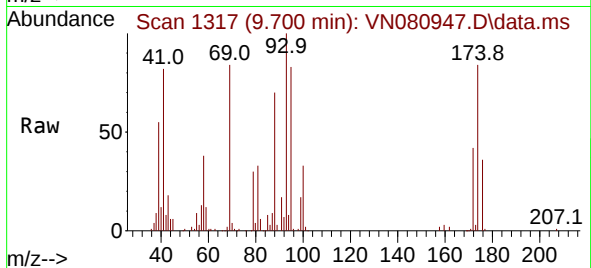
Tgt Ion:	88	Resp:	8758
Ion Ratio	Lower	Upper	
88	100		
43	27.4	30.1	45.1
58	61.8	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#50

Toluene-d8

Concen: 53.871 ug/l

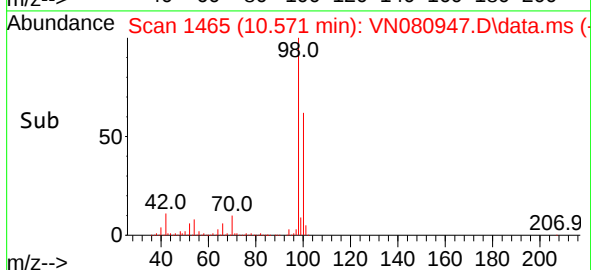
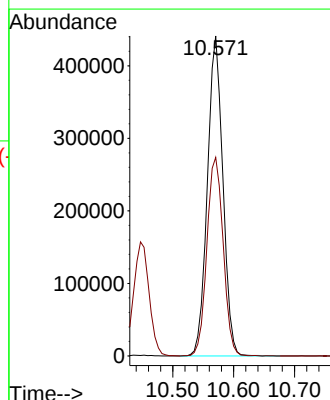
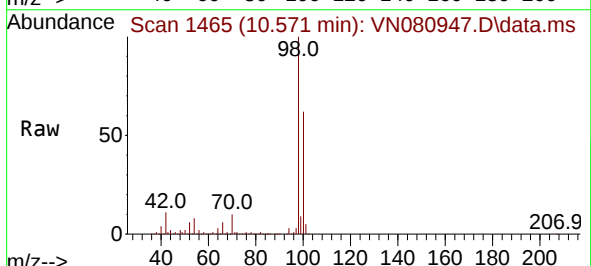
RT: 10.571 min Scan# 1465

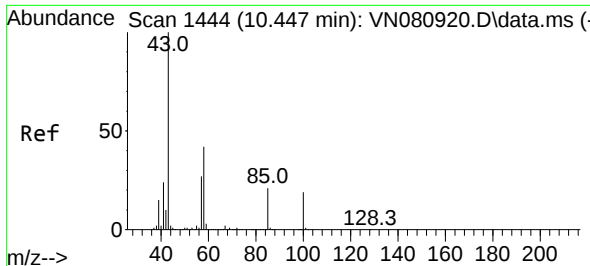
Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

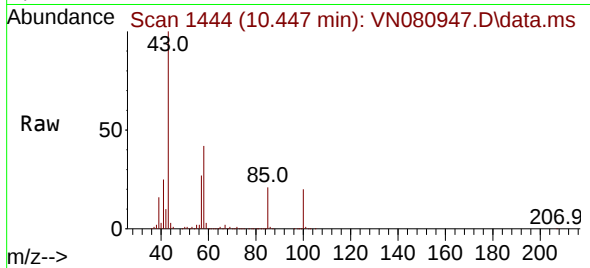
Tgt Ion:	98	Resp:	779294
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 290.618 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

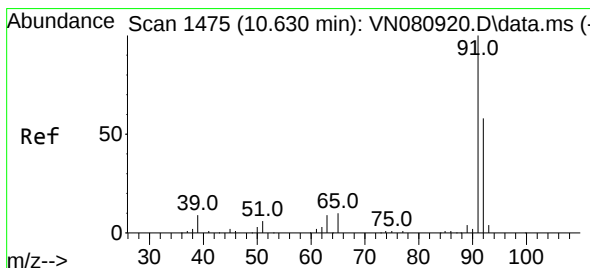
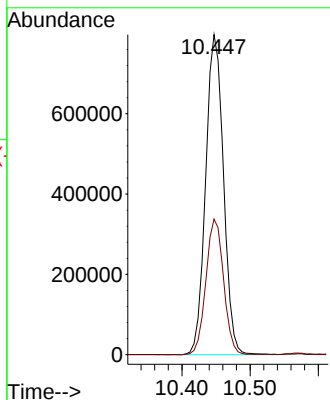
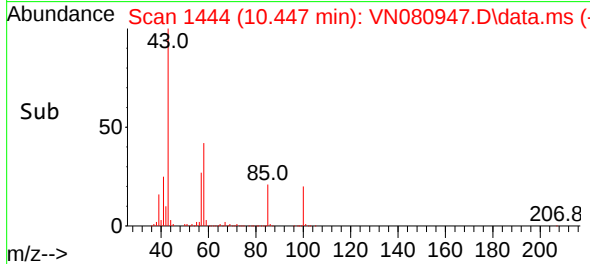
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



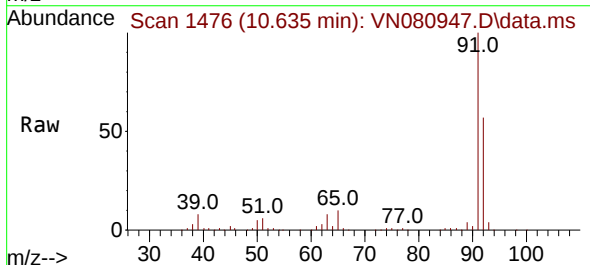
Tgt Ion: 43 Resp: 144986
Ion Ratio Lower Upper
43 100
58 42.1 29.4 44.0

Manual Integrations
APPROVED

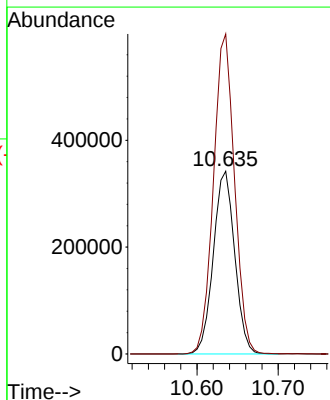
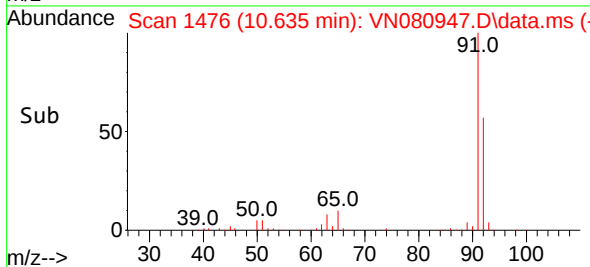
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

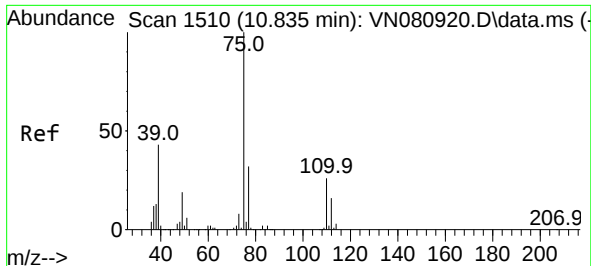


#52
Toluene
Concen: 51.583 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



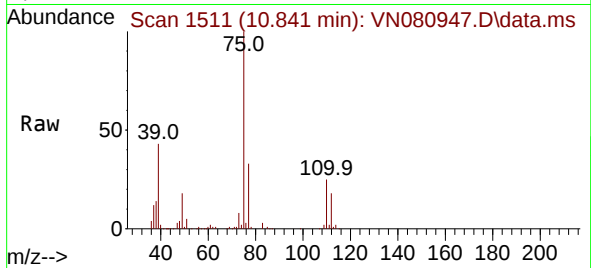
Tgt Ion: 92 Resp: 625737
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 53.494 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

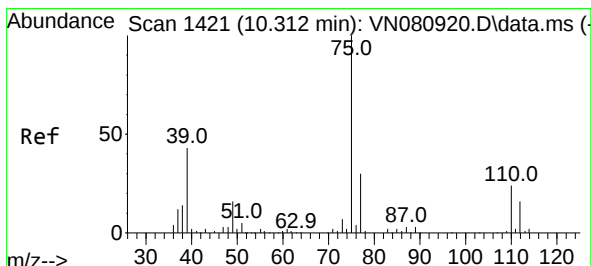
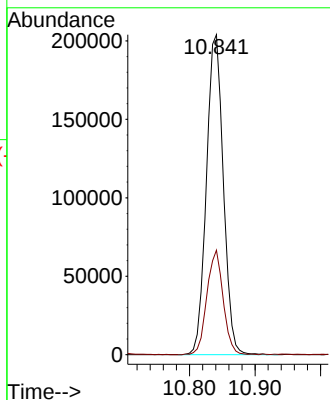
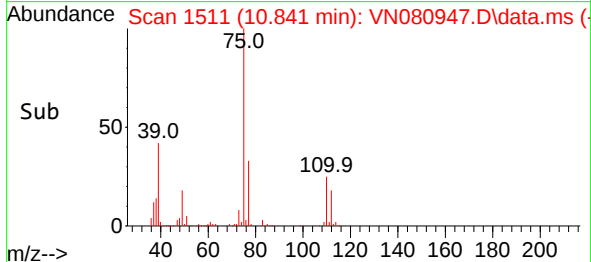
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 75 Resp: 365828
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3

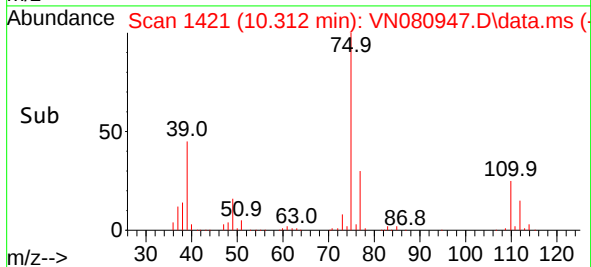
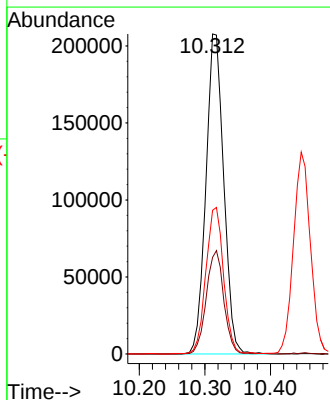
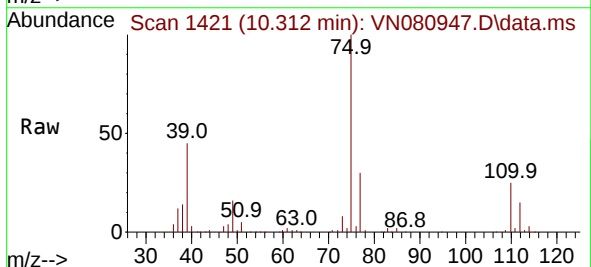
Manual Integrations
APPROVED

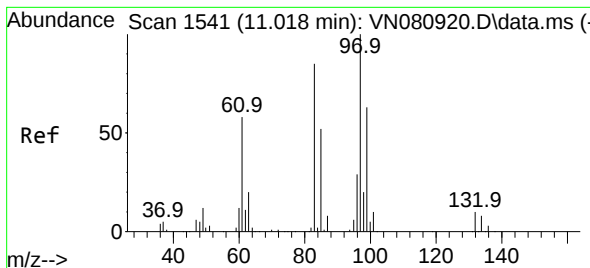
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#54
cis-1,3-Dichloropropene
Concen: 51.100 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

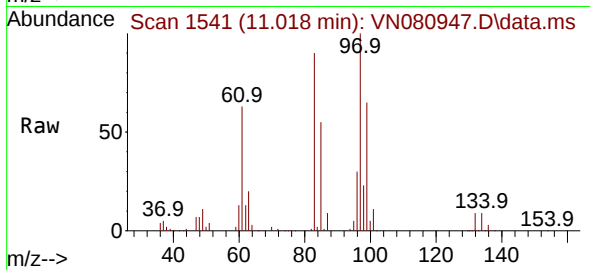
Tgt Ion: 75 Resp: 392265
Ion Ratio Lower Upper
75 100
77 30.2 23.3 34.9
39 44.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 53.230 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

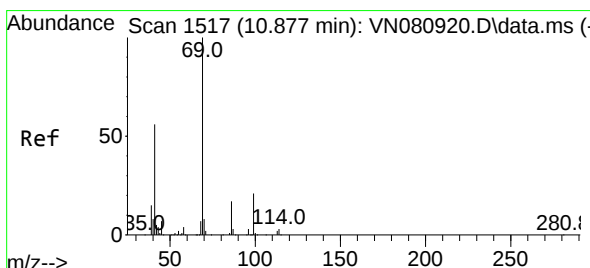
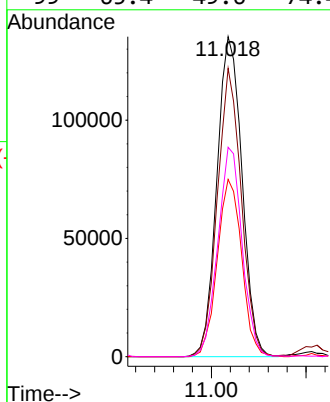
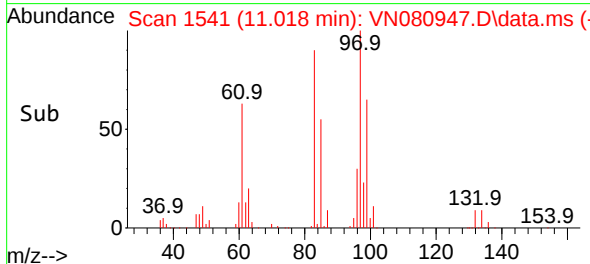
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



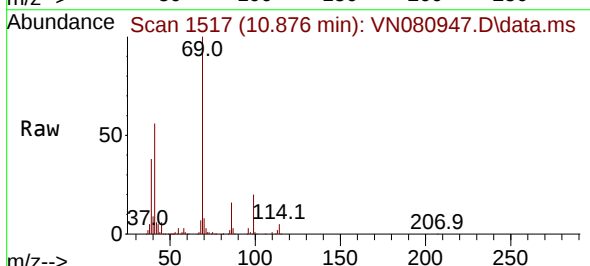
Tgt Ion: 97 Resp: 249569
Ion Ratio Lower Upper
97 100
83 90.1 72.9 109.3
85 55.4 50.2 75.2
99 65.4 49.6 74.4

Manual Integrations
APPROVED

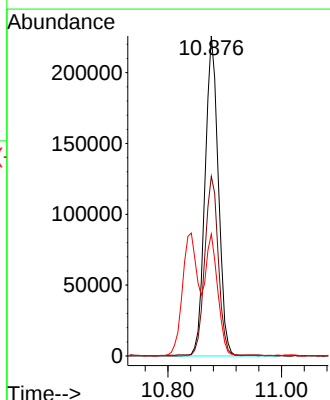
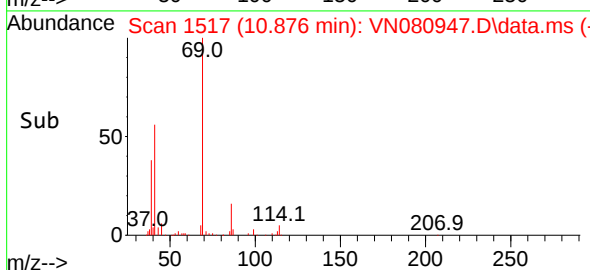
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

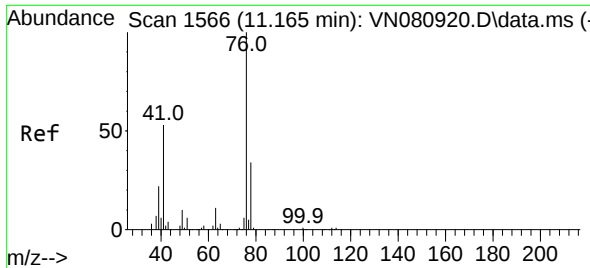


#56
Ethyl methacrylate
Concen: 65.258 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



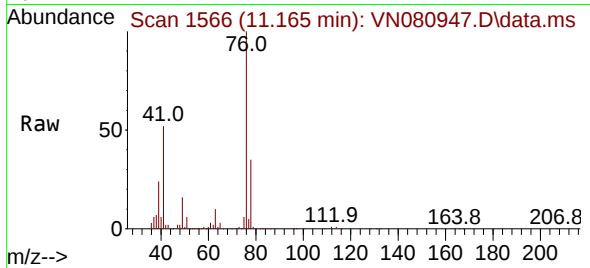
Tgt Ion: 69 Resp: 366014
Ion Ratio Lower Upper
69 100
41 57.8 61.0 91.6#
39 34.7 31.8 47.6





#57
1,3-Dichloropropane
Concen: 54.990 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

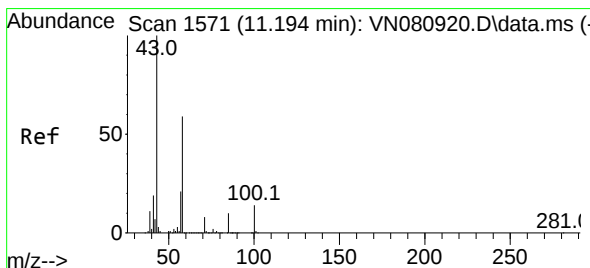
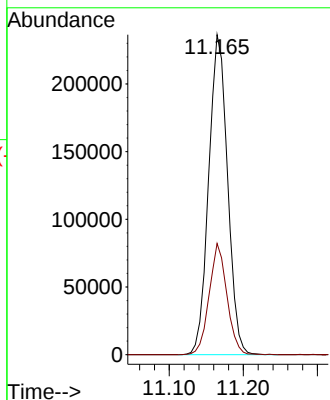
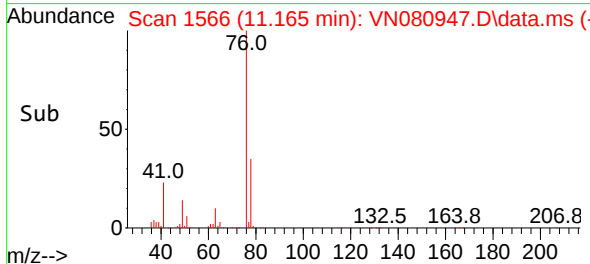
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



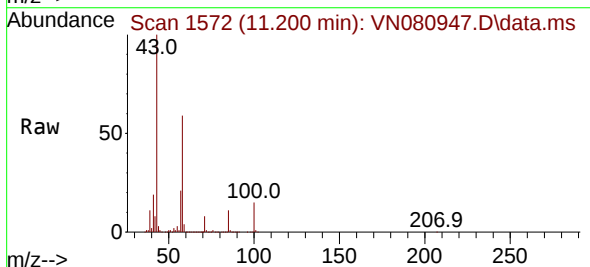
Tgt Ion: 76 Resp: 418295
Ion Ratio Lower Upper
76 100
78 32.7 25.5 38.3

Manual Integrations
APPROVED

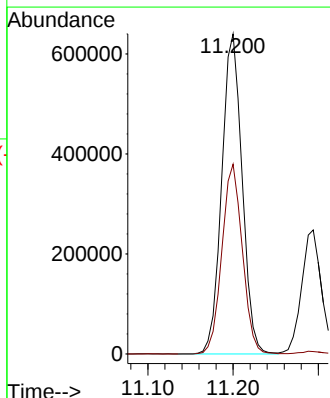
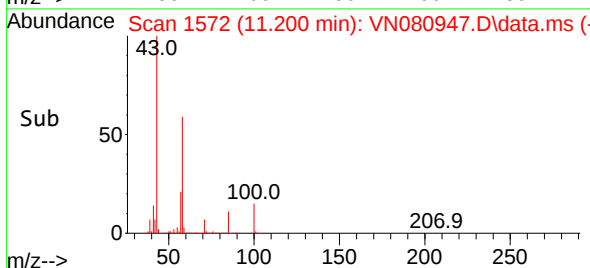
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

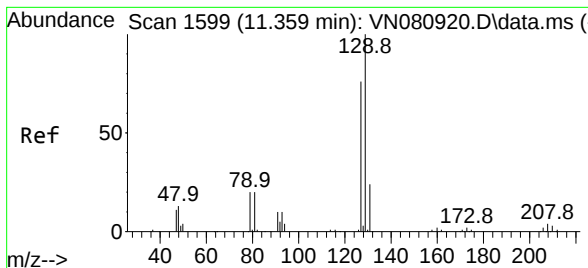


#59
2-Hexanone
Concen: 281.183 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



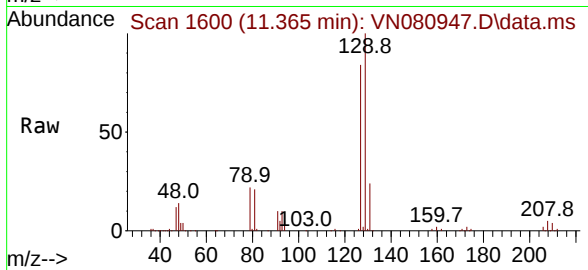
Tgt Ion: 43 Resp: 1063216
Ion Ratio Lower Upper
43 100
58 59.3 25.9 77.8





#60
Dibromochloromethane
Concen: 56.516 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

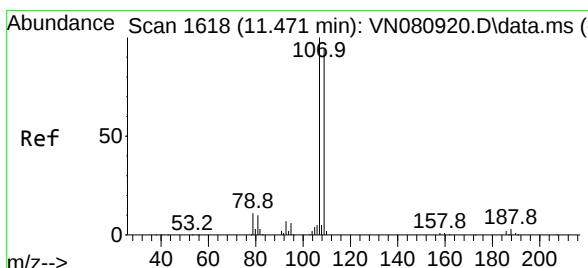
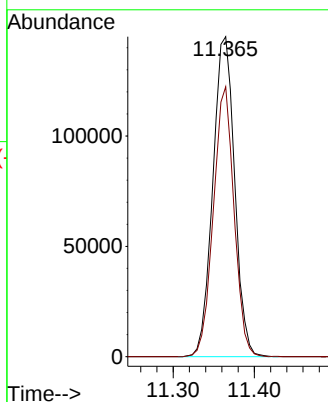
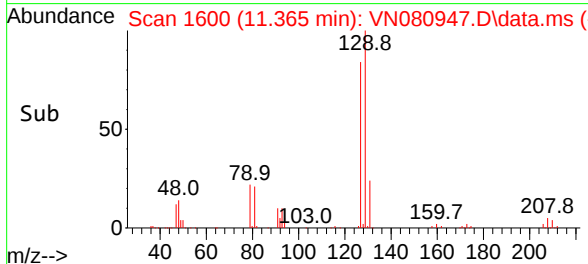
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion:129 Resp: 27075
Ion Ratio Lower Upper
129 100
127 79.9 39.4 118.2

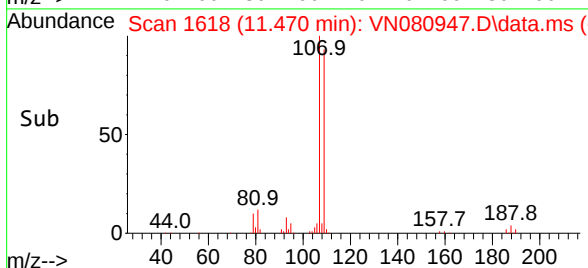
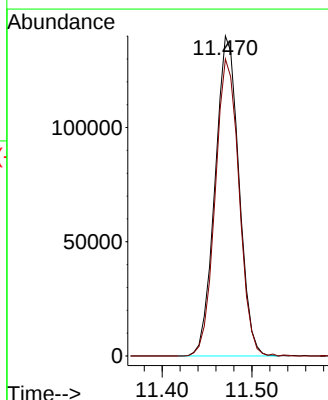
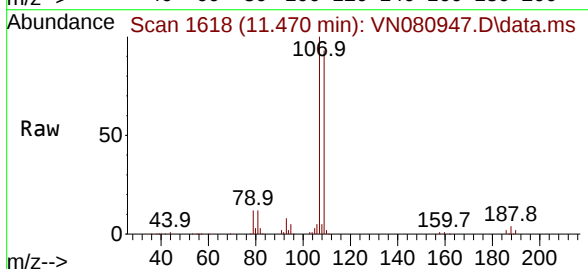
Manual Integrations
APPROVED

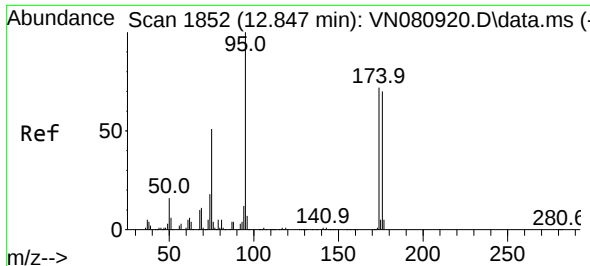
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#61
1,2-Dibromoethane
Concen: 55.260 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

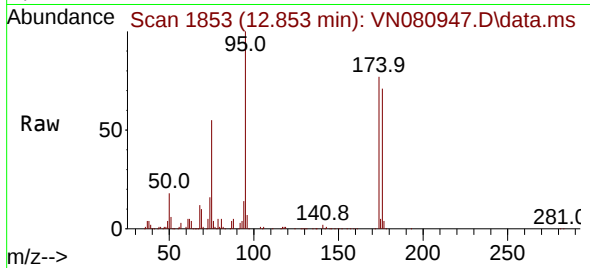
Tgt Ion:107 Resp: 258442
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2





#62
4-Bromofluorobenzene
Concen: 54.245 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

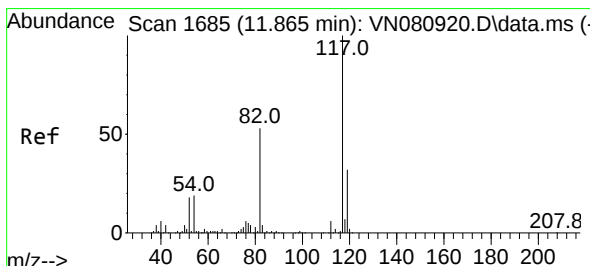
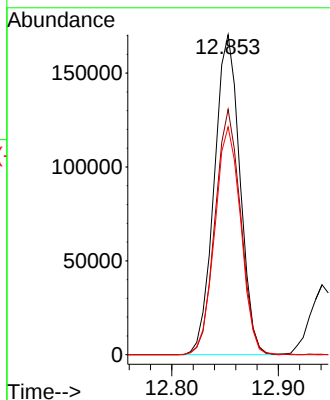
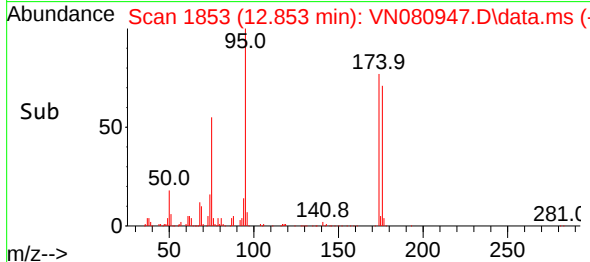
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



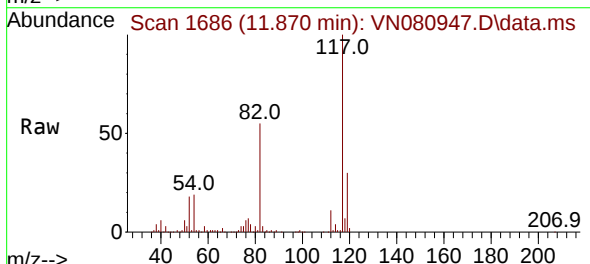
Tgt Ion: 95 Resp: 285060
Ion Ratio Lower Upper
95 100
174 76.4 0.0 120.4
176 72.1 0.0 121.0

Manual Integrations
APPROVED

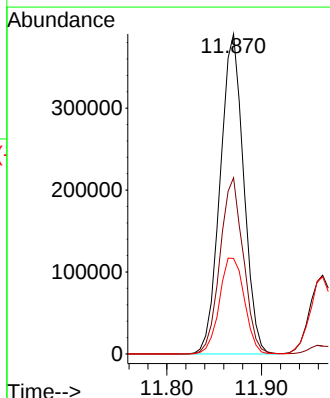
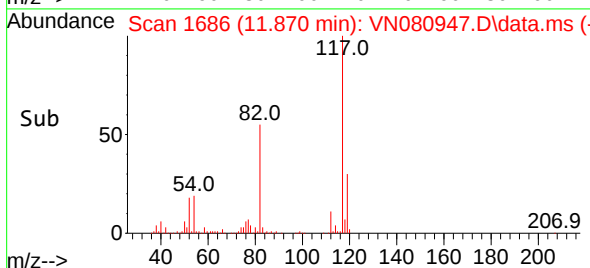
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

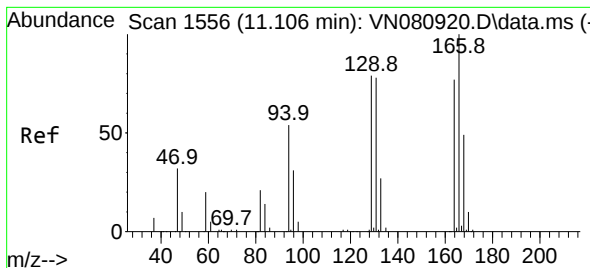


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



Tgt Ion:117 Resp: 672018
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 29.9 25.3 37.9





#64

Tetrachloroethene

Concen: 66.470 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion:164 Resp: 337169

Ion Ratio Lower Upper

164 100

166 124.6 105.8 158.6

129 99.7 89.6 134.4

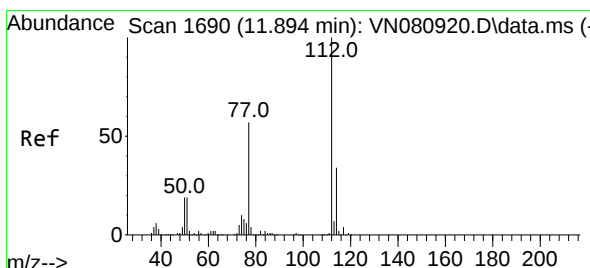
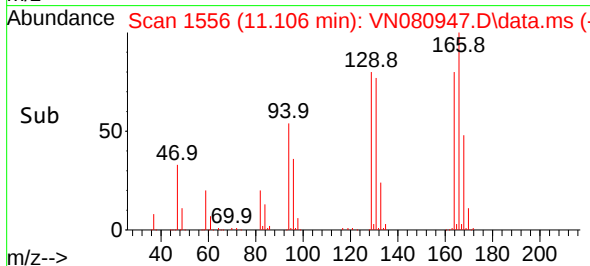
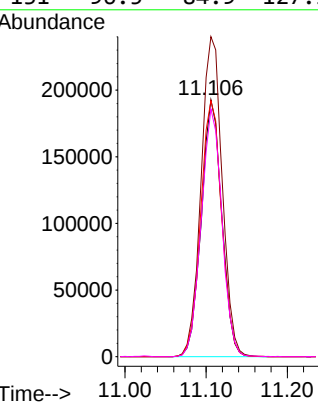
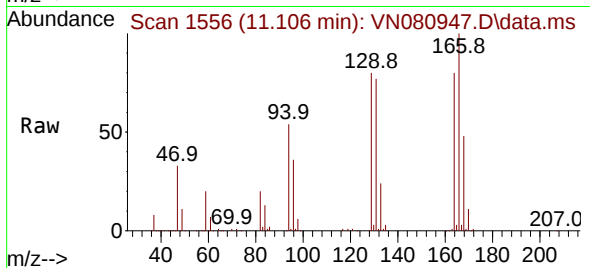
131 96.5 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#65

Chlorobenzene

Concen: 46.570 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN080947.D

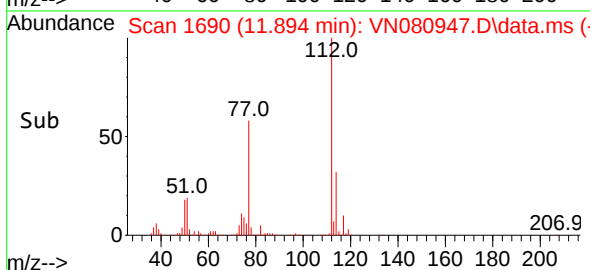
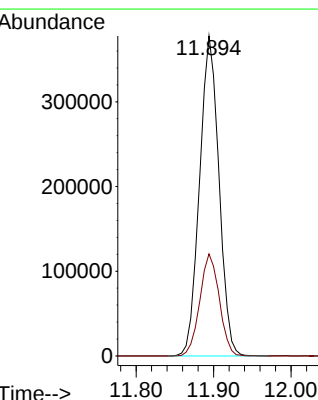
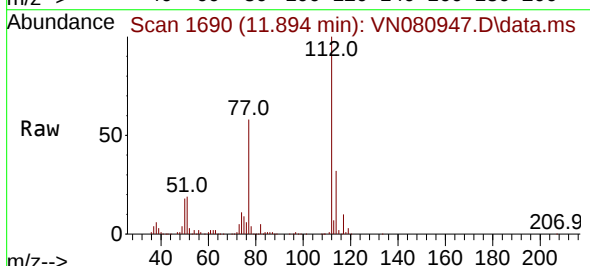
Acq: 07 Feb 2024 19:39

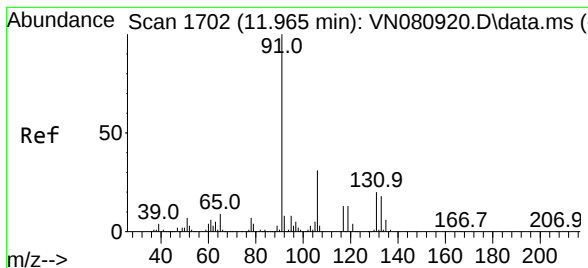
Tgt Ion:112 Resp: 655895

Ion Ratio Lower Upper

112 100

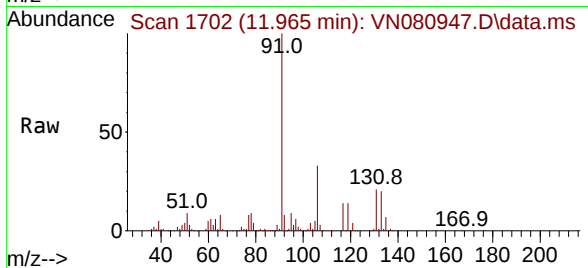
114 31.9 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 49.524 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

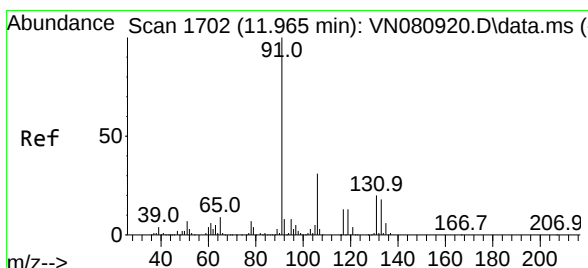
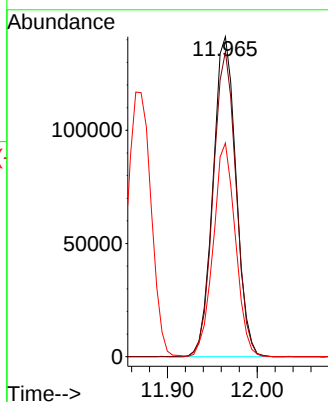
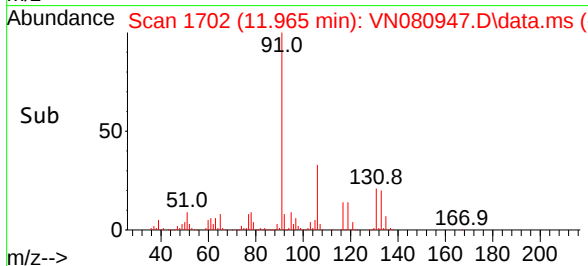
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion:131 Resp: 251697
Ion Ratio Lower Upper
131 100
133 94.8 46.8 140.3
119 64.4 34.6 103.9

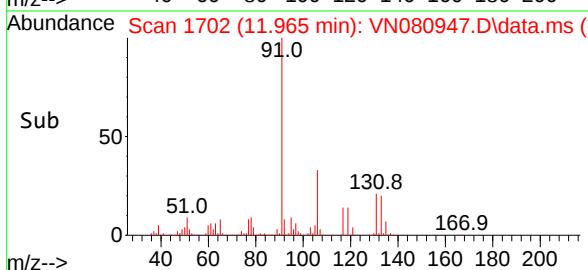
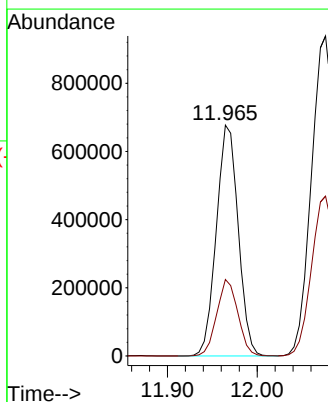
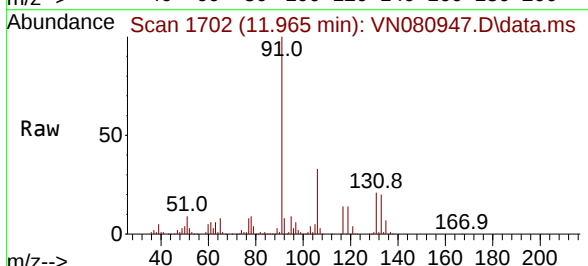
Manual Integrations
APPROVED

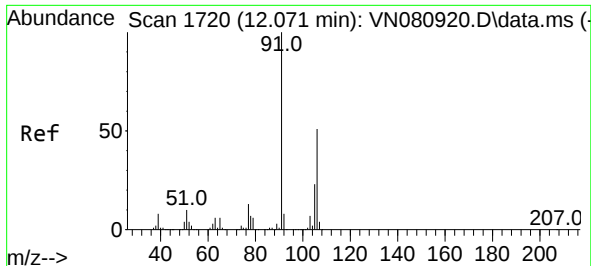
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#67
Ethyl Benzene
Concen: 47.236 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion: 91 Resp: 1146010
Ion Ratio Lower Upper
91 100
106 33.1 23.8 35.6





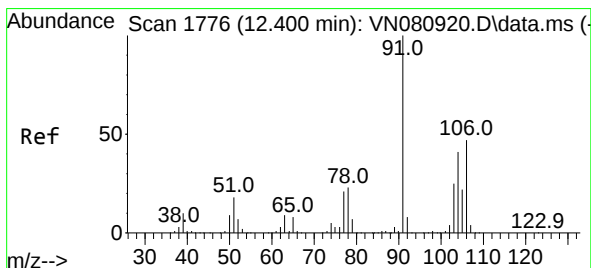
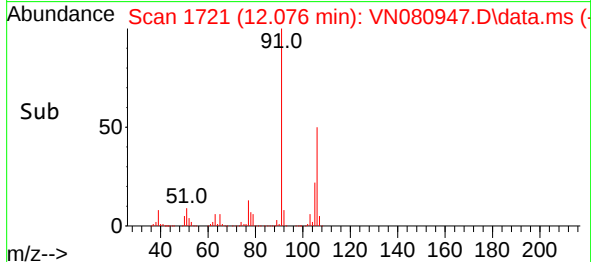
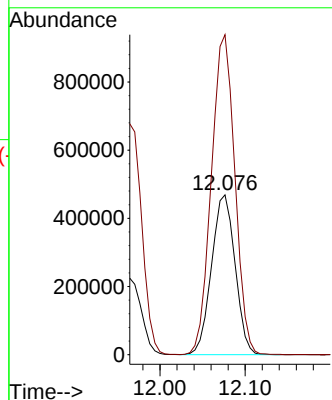
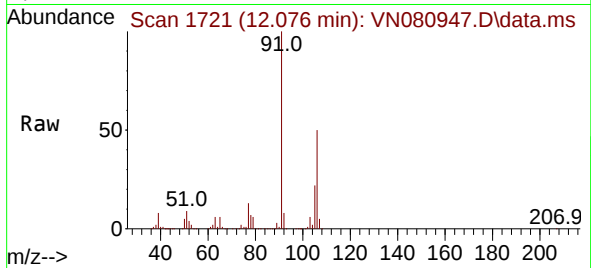
#68
m/p-Xylenes
Concen: 97.557 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS

Tgt Ion:106 Resp: 899214
Ion Ratio Lower Upper
106 100
91 200.1 169.0 253.6

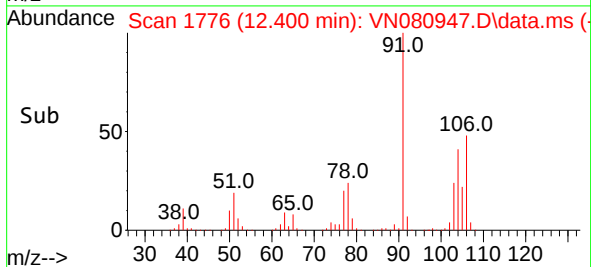
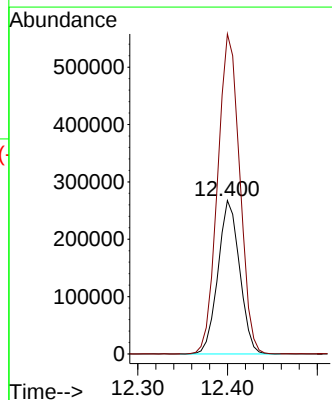
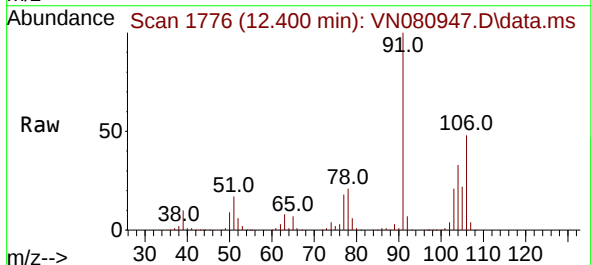
Manual Integrations
APPROVED

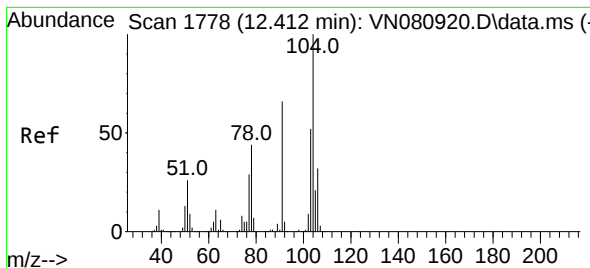
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#69
o-Xylene
Concen: 50.094 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion:106 Resp: 448034
Ion Ratio Lower Upper
106 100
91 213.4 112.1 336.3





#70

Styrene

Concen: 55.835 ug/l

RT: 12.417 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

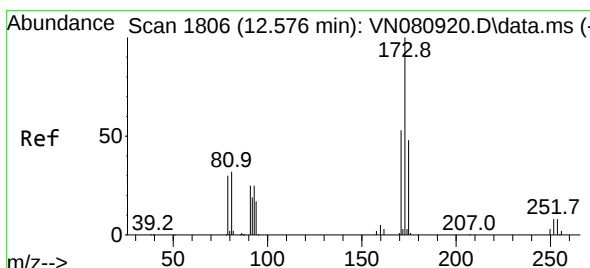
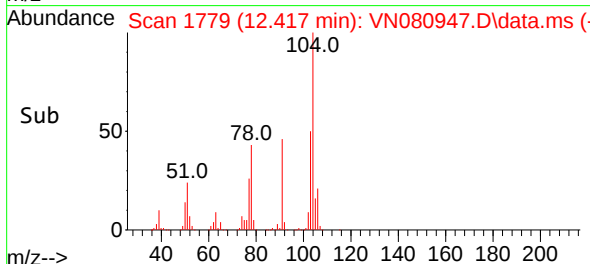
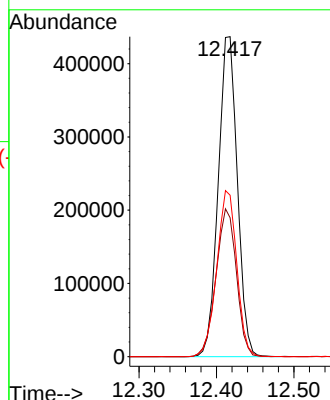
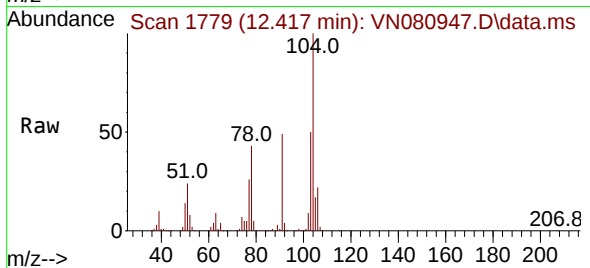
Tgt Ion:	104	Resp:	74948
Ion Ratio	Lower	Upper	
104	100		
78	49.3	43.8	65.8
103	54.5	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#71

Bromoform

Concen: 53.494 ug/l

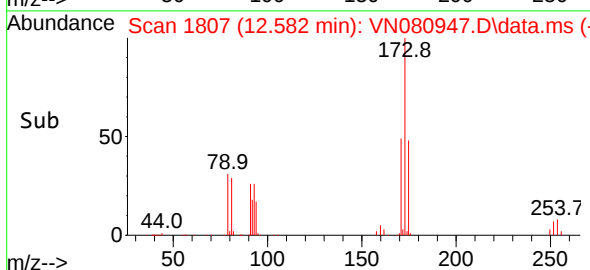
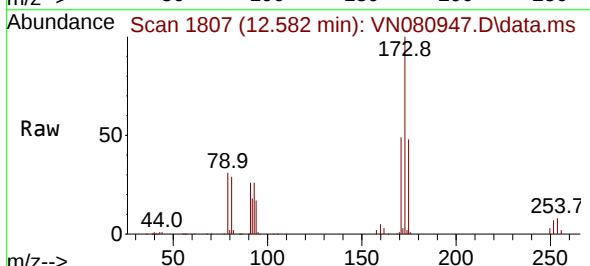
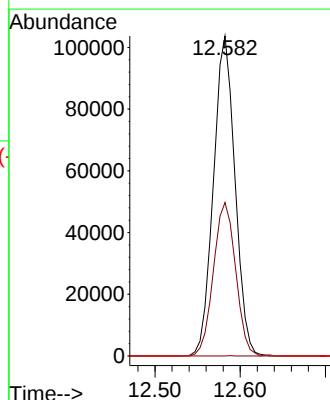
RT: 12.582 min Scan# 1807

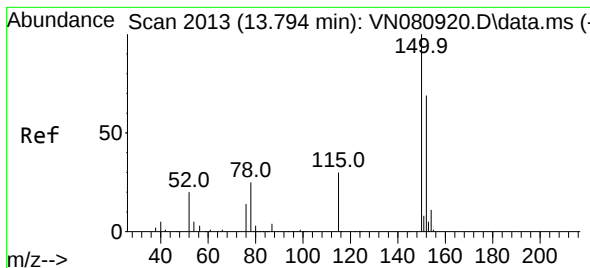
Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

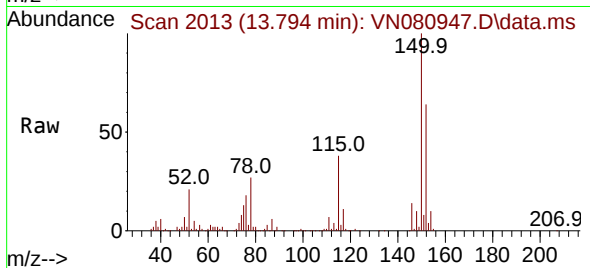
Tgt Ion:	173	Resp:	182092
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.1	69.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

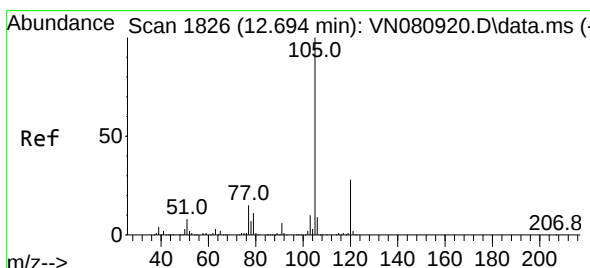
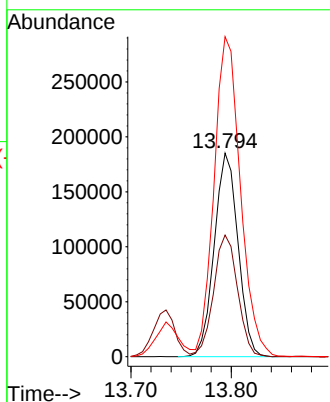
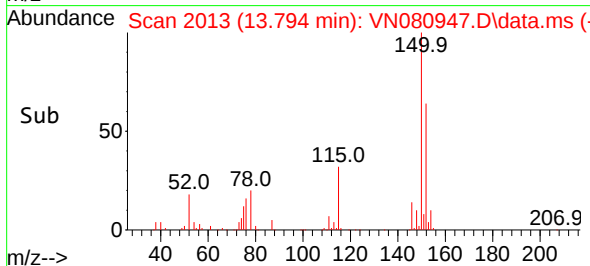
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



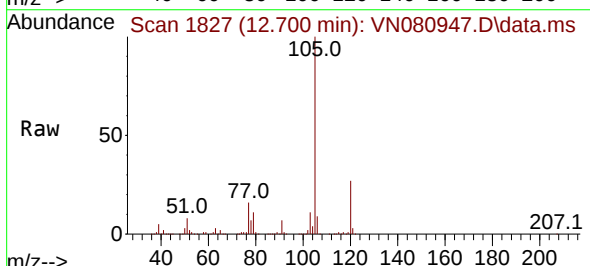
Tgt Ion:152 Resp: 303920
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 173.9 0.0 339.8

Manual Integrations
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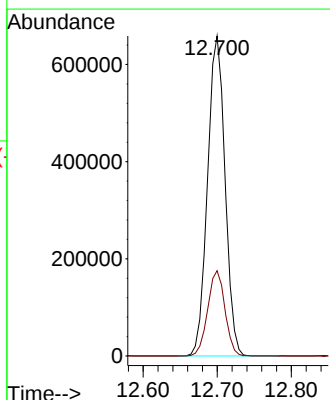
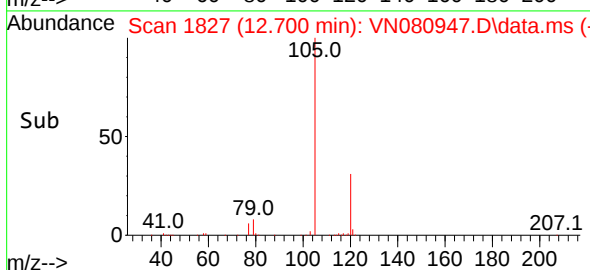
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

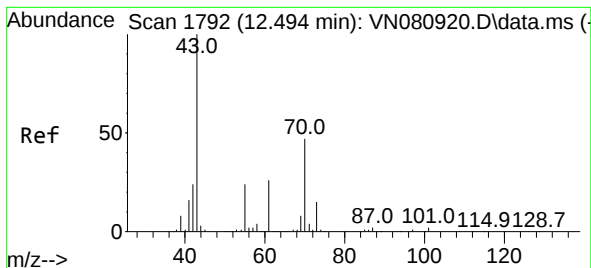


#73
Isopropylbenzene
Concen: 45.729 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



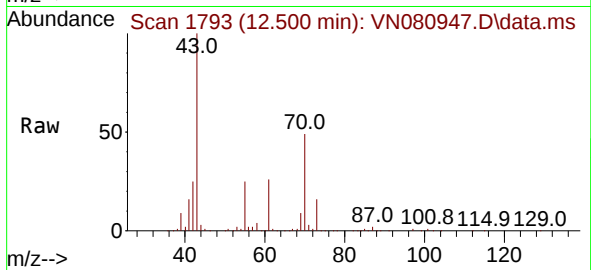
Tgt Ion:105 Resp: 1080865
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.6





#74
N-amy1 acetate
Concen: 50.051 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

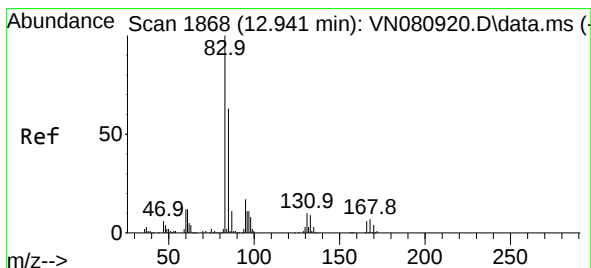
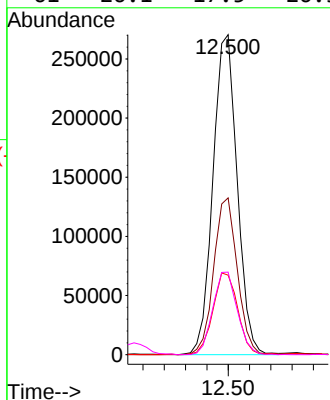
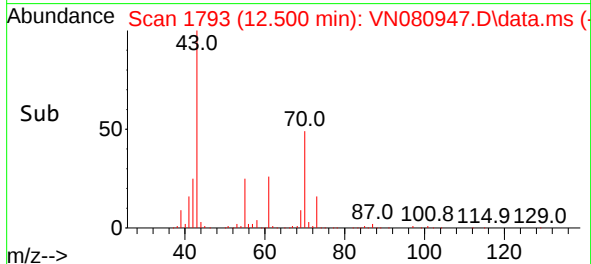
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



Tgt Ion: 43 Resp: 426434
Ion Ratio Lower Upper
43 100
70 48.0 30.1 45.1
55 26.2 17.0 25.4
61 26.1 17.5 26.3

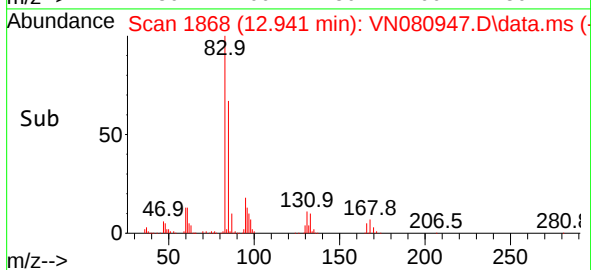
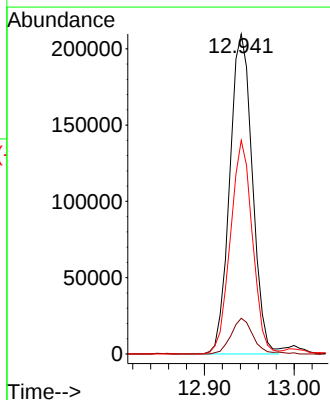
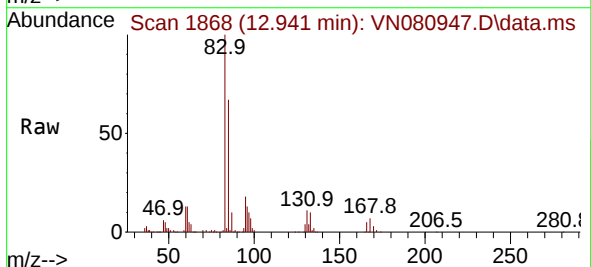
Manual Integrations
APPROVED

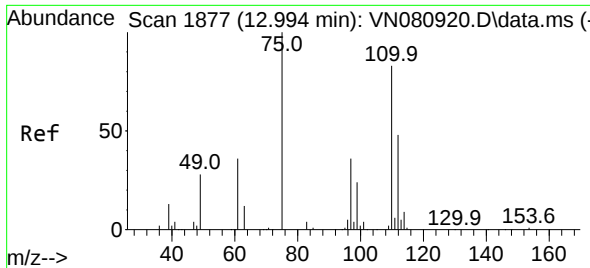
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 49.964 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

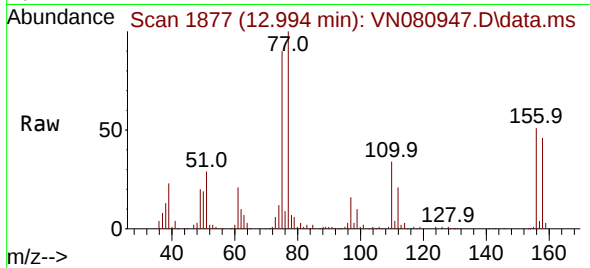
Tgt Ion: 83 Resp: 367376
Ion Ratio Lower Upper
83 100
131 10.9 4.1 12.3
85 64.8 32.1 96.3





#76
1,2,3-Trichloropropane
Concen: 45.804 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

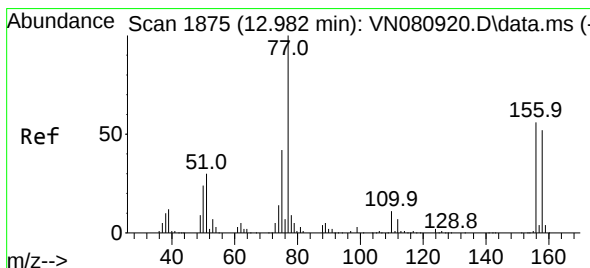
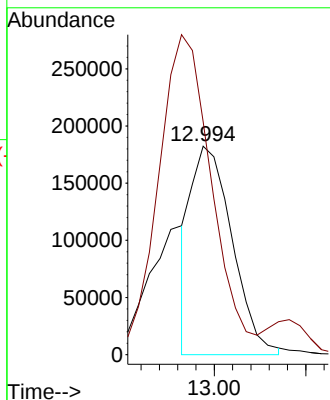
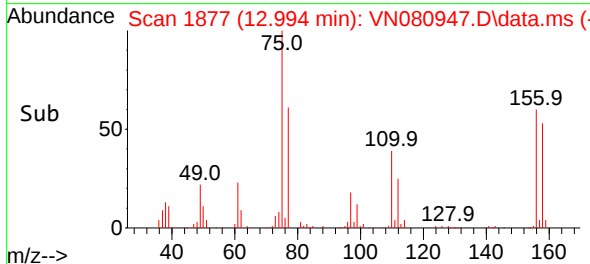
Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS



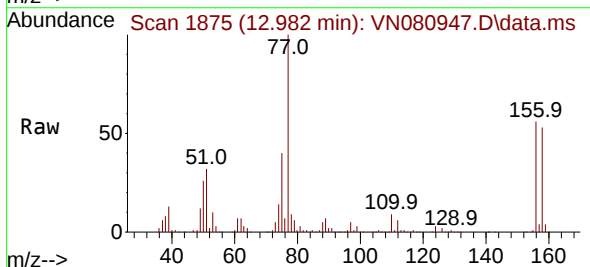
Tgt Ion: 75 Resp: 283839
Ion Ratio Lower Upper
75 100
77 199.6 91.0 272.8

Manual Integrations
APPROVED

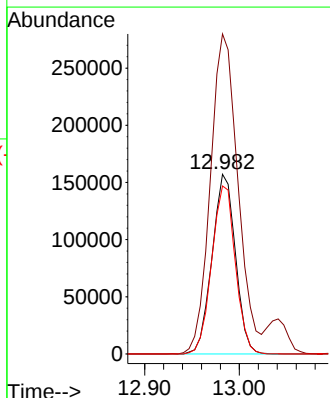
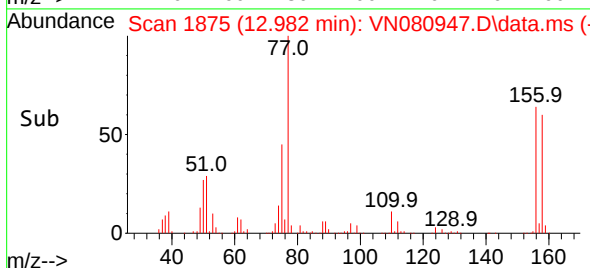
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

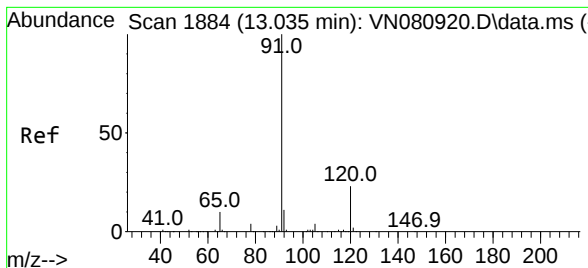


#77
Bromobenzene
Concen: 45.093 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39



Tgt Ion:156 Resp: 268929
Ion Ratio Lower Upper
156 100
77 210.7 138.1 414.3
158 94.8 46.5 139.5





#78

n-propylbenzene

Concen: 45.712 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion: 91 Resp: 1219870

Ion Ratio Lower Upper

91 100

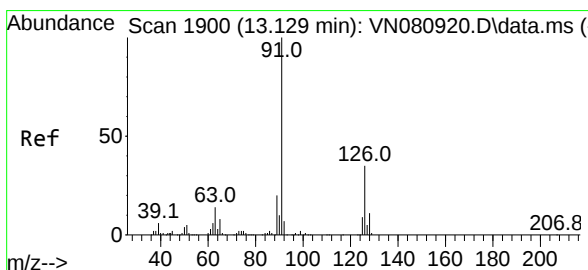
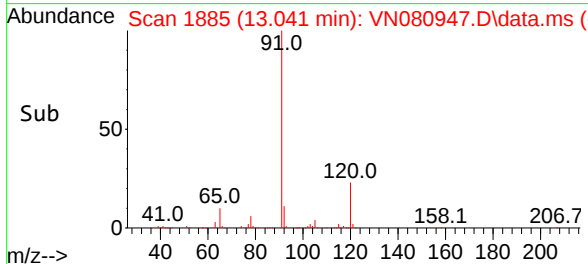
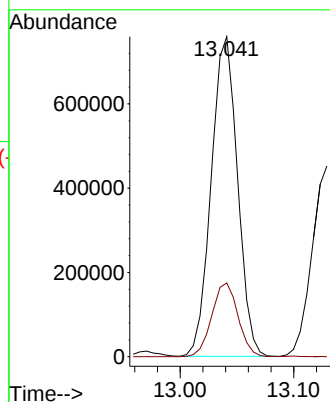
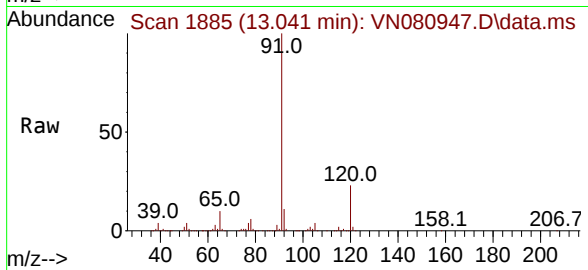
120 23.0 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#79

2-Chlorotoluene

Concen: 45.509 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN080947.D

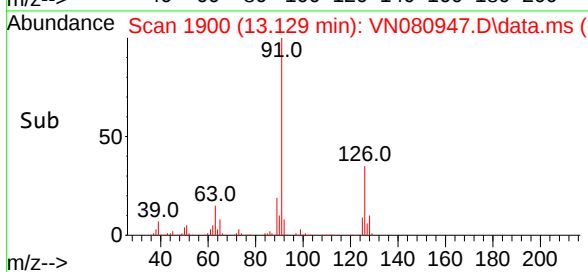
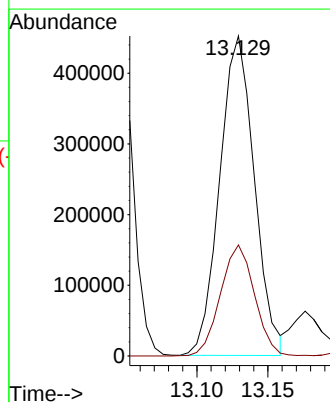
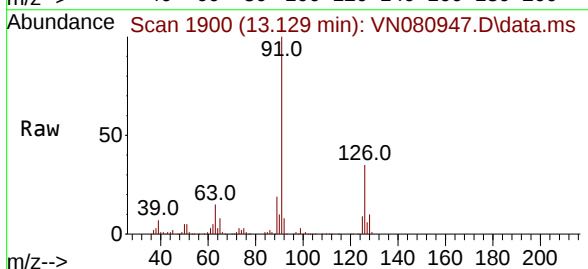
Acq: 07 Feb 2024 19:39

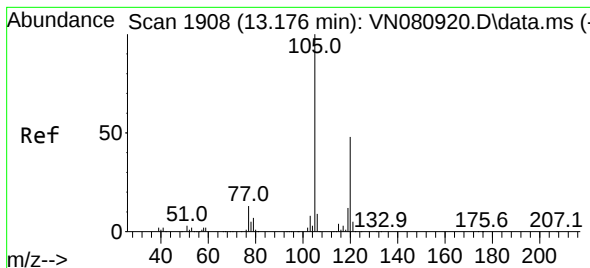
Tgt Ion: 91 Resp: 767477

Ion Ratio Lower Upper

91 100

126 34.2 14.8 44.4





#80

1,3,5-Trimethylbenzene

Concen: 45.957 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion:105 Resp: 882928

Ion Ratio Lower Upper

105 100

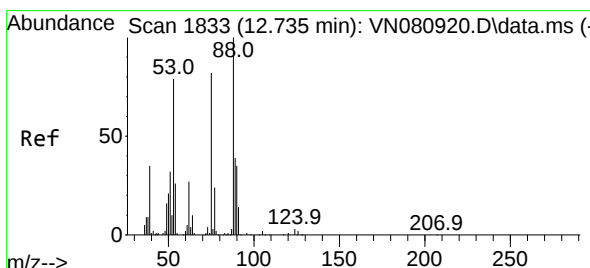
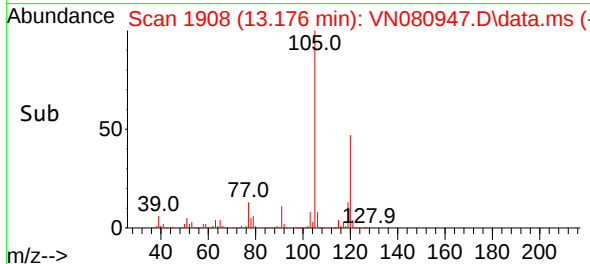
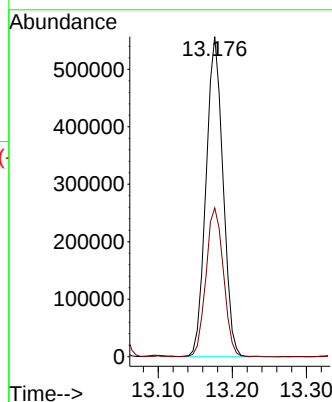
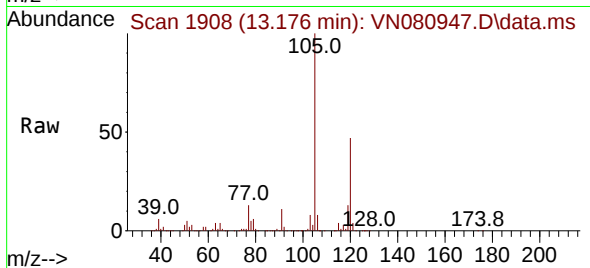
120 48.0 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 46.069 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

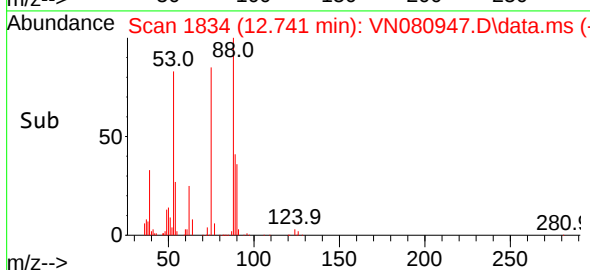
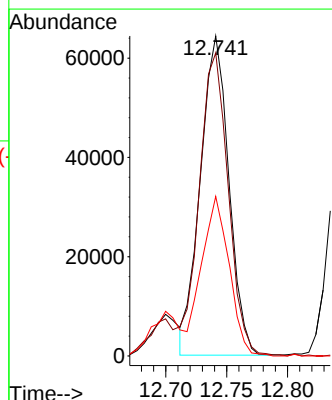
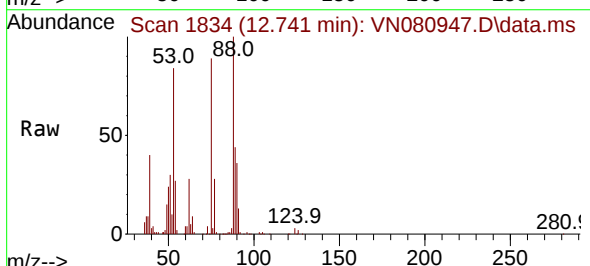
Tgt Ion: 75 Resp: 105075

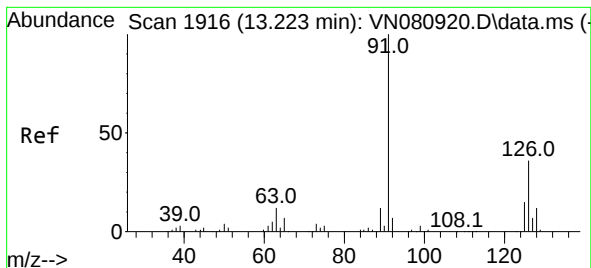
Ion Ratio Lower Upper

75 100

53 98.0 71.4 107.2

89 47.9 33.4 50.0





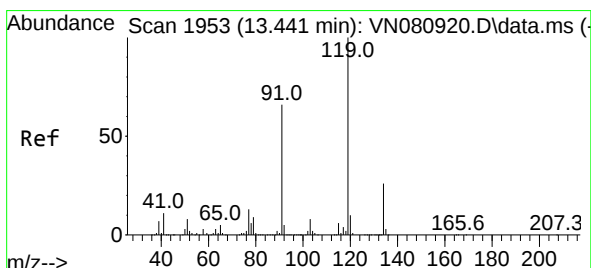
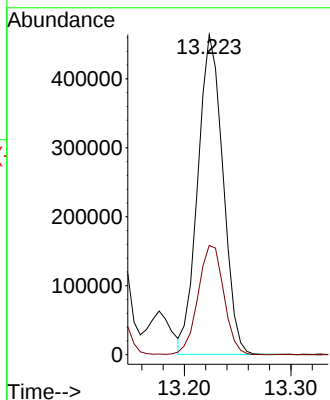
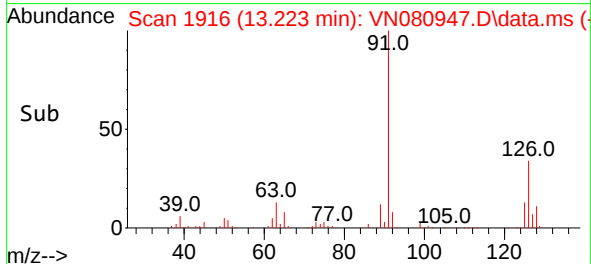
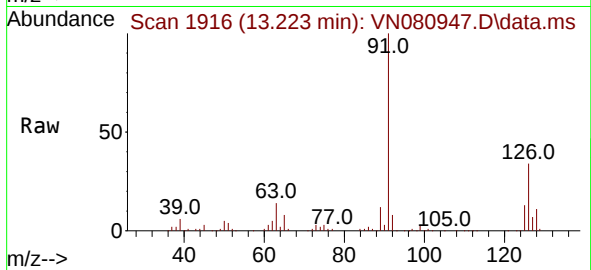
#82
4-Chlorotoluene
Concen: 45.199 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS

Tgt Ion: 91 Resp: 760510
Ion Ratio Lower Upper
91 100
126 35.1 15.3 45.9

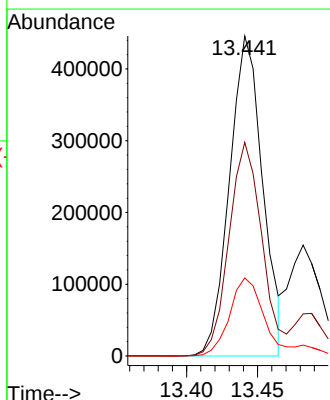
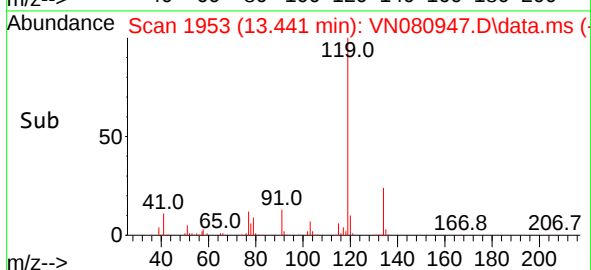
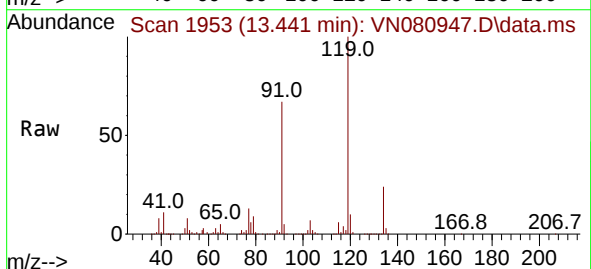
Manual Integrations
APPROVED

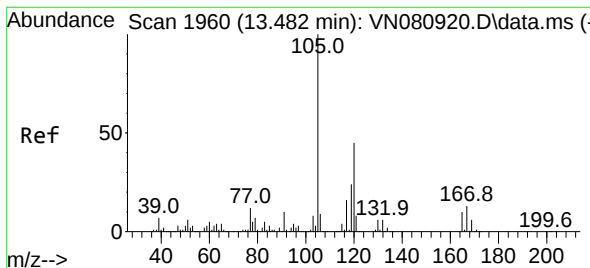
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#83
tert-Butylbenzene
Concen: 44.228 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion:119 Resp: 724288
Ion Ratio Lower Upper
119 100
91 66.8 36.8 110.4
134 27.2 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 46.566 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion:105 Resp: 89103

Ion Ratio Lower Upper

105 100

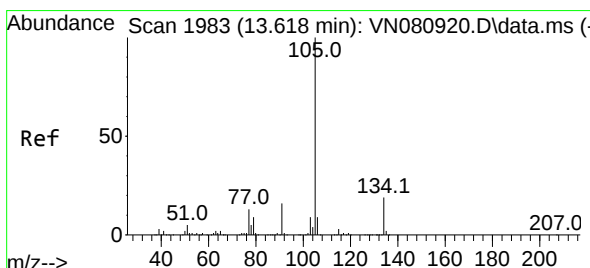
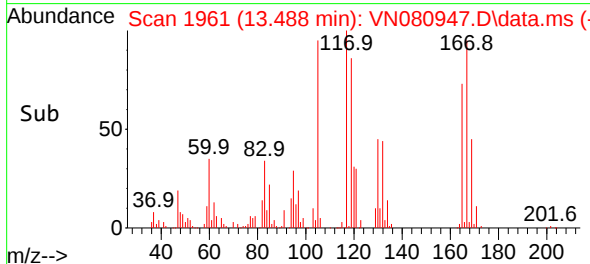
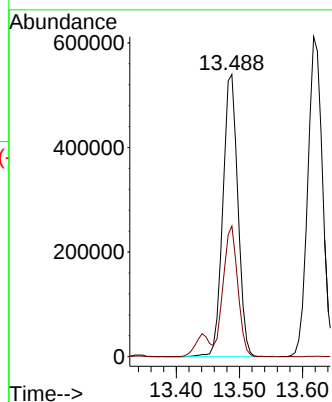
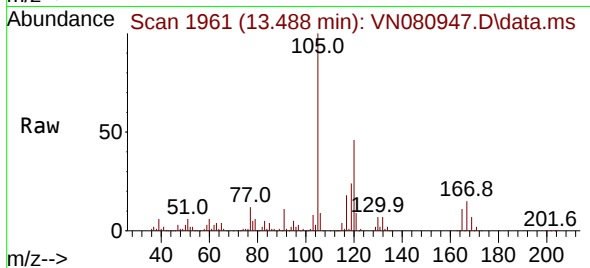
120 44.9 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#85

sec-Butylbenzene

Concen: 44.878 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080947.D

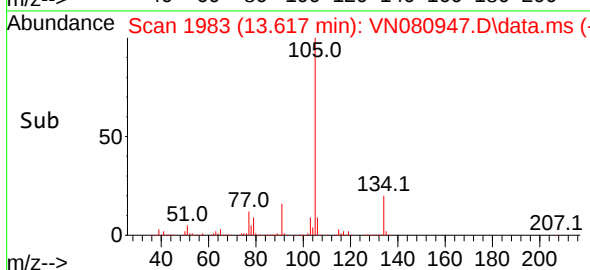
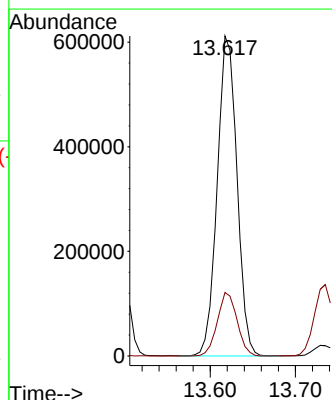
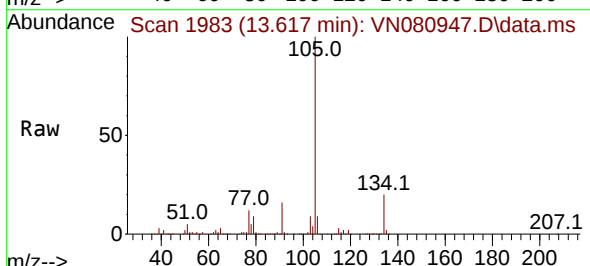
Acq: 07 Feb 2024 19:39

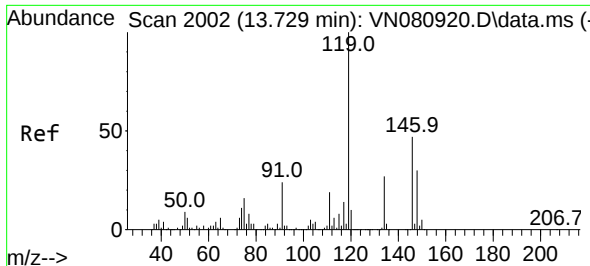
Tgt Ion:105 Resp: 987573

Ion Ratio Lower Upper

105 100

134 19.8 8.6 25.8





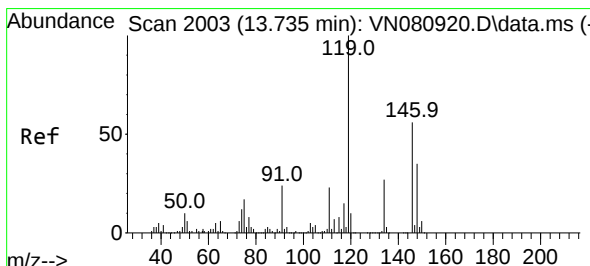
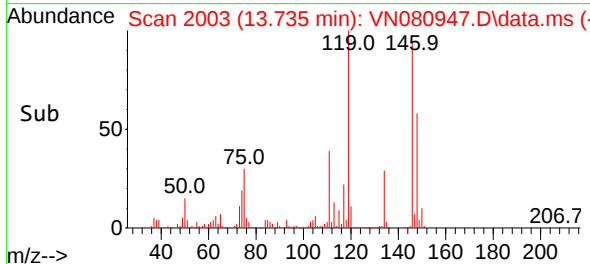
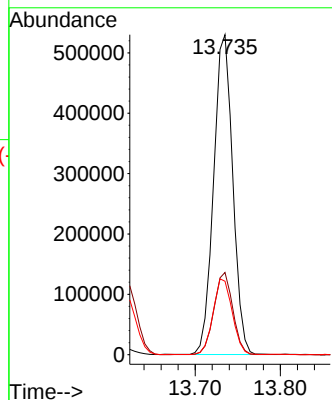
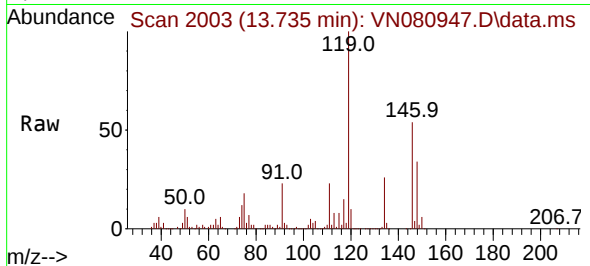
#86
p-Isopropyltoluene
Concen: 44.393 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
CG-MW-63MS

Tgt Ion:119 Resp: 82557
Ion Ratio Lower Upper
119 100
134 25.5 12.4 37.2
91 23.8 13.5 40.4

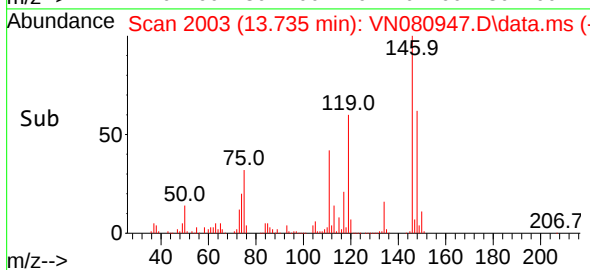
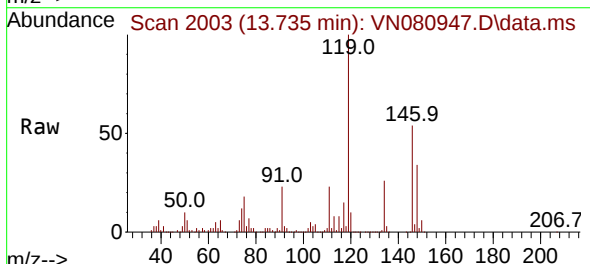
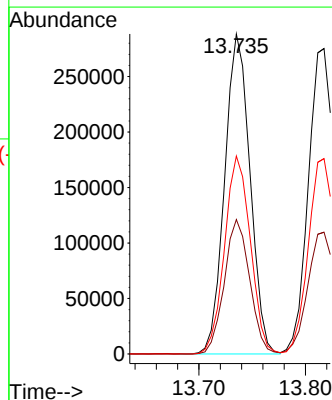
Manual Integrations
APPROVED

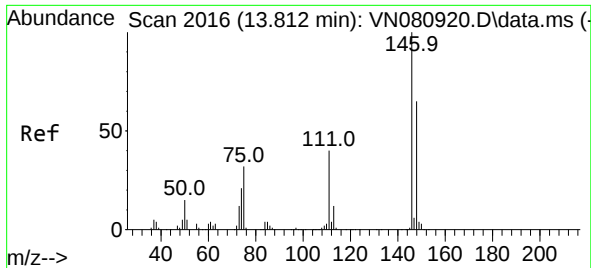
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#87
1,3-Dichlorobenzene
Concen: 44.902 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion:146 Resp: 476910
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.7
148 63.1 32.6 97.7





#88
1,4-Dichlorobenzene
Concen: 44.110 ug/l
RT: 13.817 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

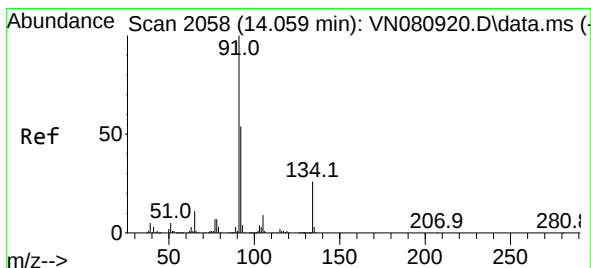
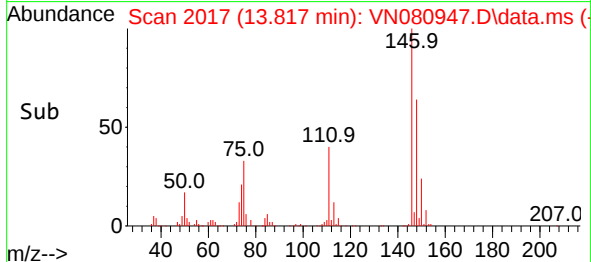
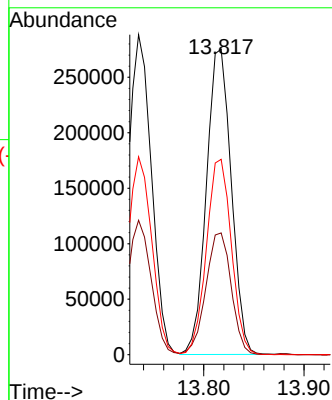
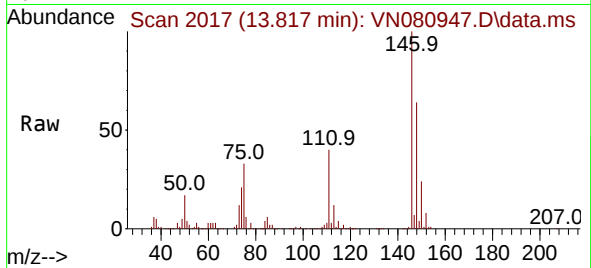
Tgt Ion:146 Resp: 47543
Ion Ratio Lower Upper
146 100
111 40.6 22.6 67.7
148 64.3 31.9 95.5

Manual Integrations

APPROVED

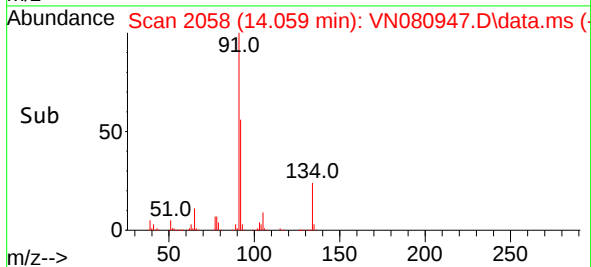
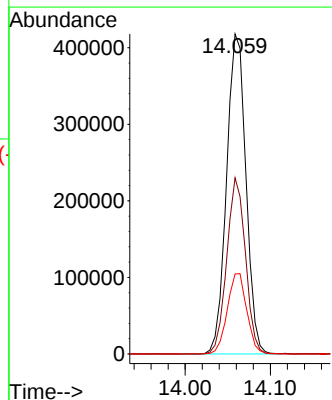
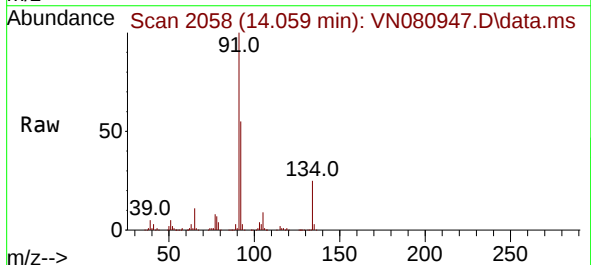
Reviewed By :John Carlone 02/08/2024

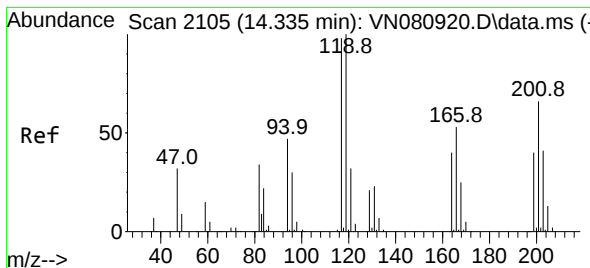
Supervised By :Semsettin Yesilyurt 02/08/2024



#89
n-Butylbenzene
Concen: 40.172 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080947.D
Acq: 07 Feb 2024 19:39

Tgt Ion: 91 Resp: 659932
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.3 10.8 32.4





#90

Hexachloroethane

Concen: 46.584 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

Tgt Ion:117 Resp: 136608

Ion Ratio Lower Upper

117 100

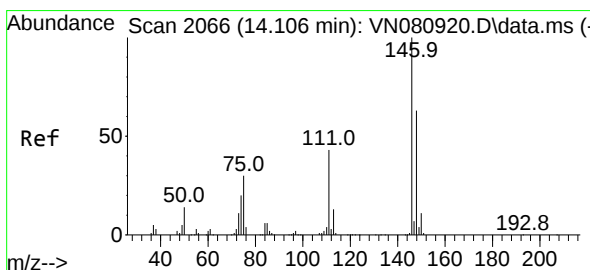
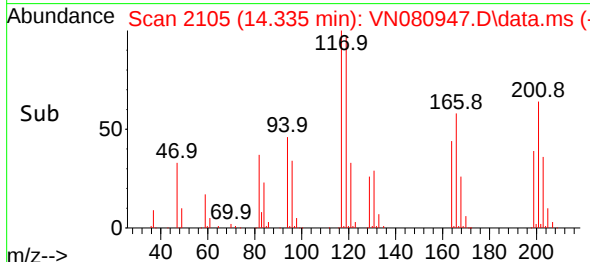
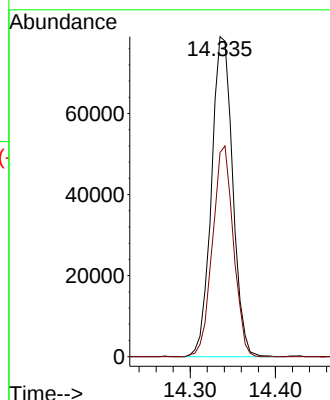
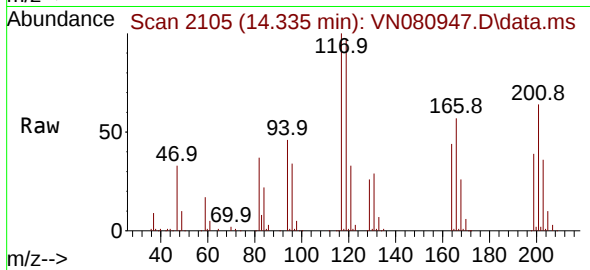
201 64.8 30.0 90.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#91

1,2-Dichlorobenzene

Concen: 45.767 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

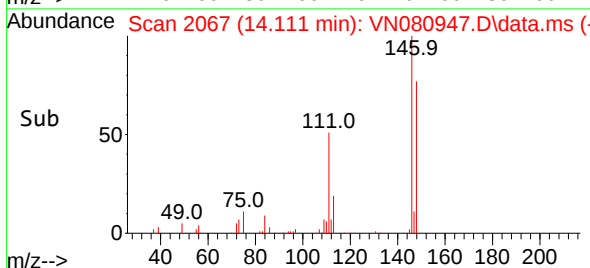
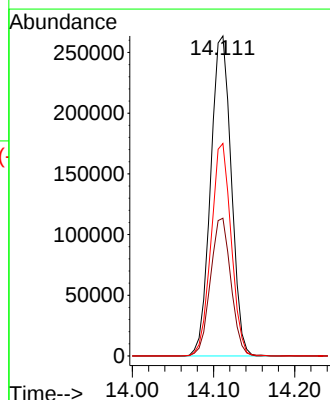
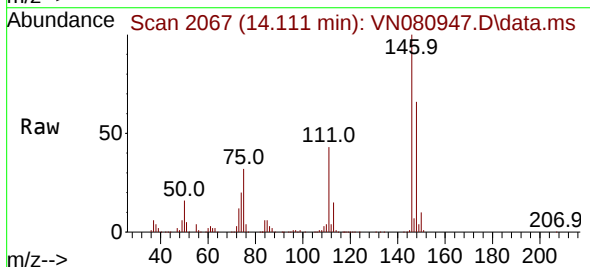
Tgt Ion:146 Resp: 465708

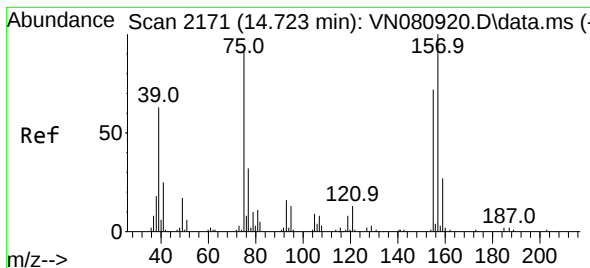
Ion Ratio Lower Upper

146 100

111 42.5 23.9 71.8

148 64.6 31.4 94.0





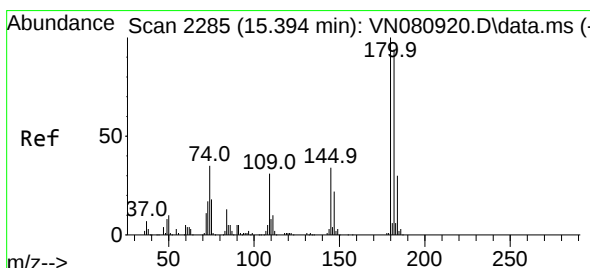
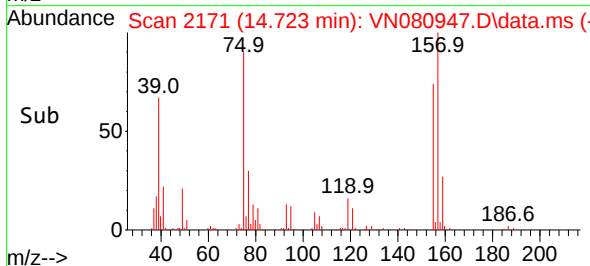
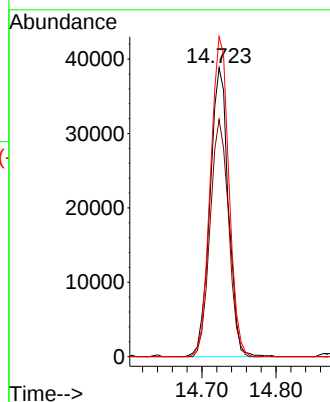
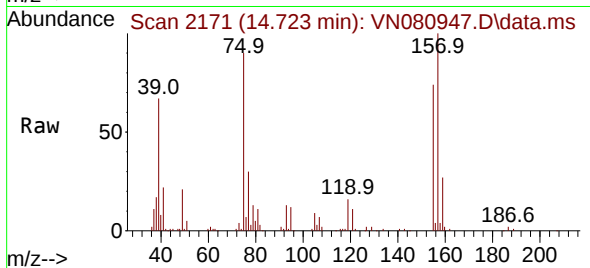
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.719 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN080947.D
 Acq: 07 Feb 2024 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63MS

Tgt Ion: 75 Resp: 6700
 Ion Ratio Lower Upper
 75 100
 155 81.9 31.8 95.4
 157 110.9 41.1 123.4

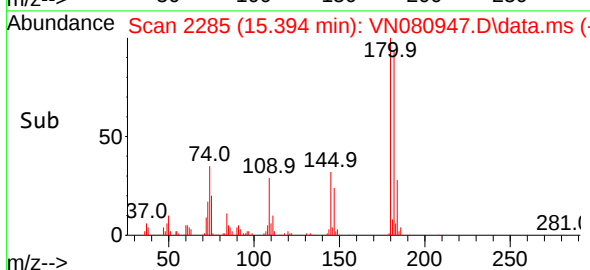
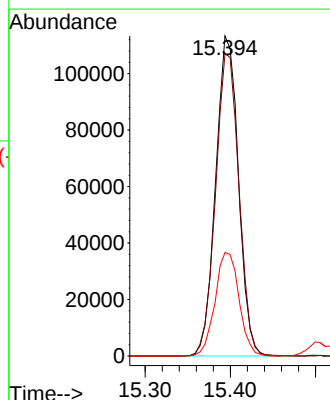
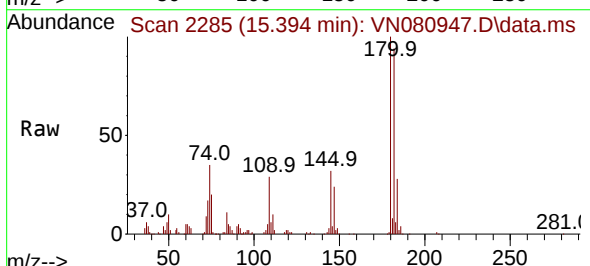
Manual Integrations
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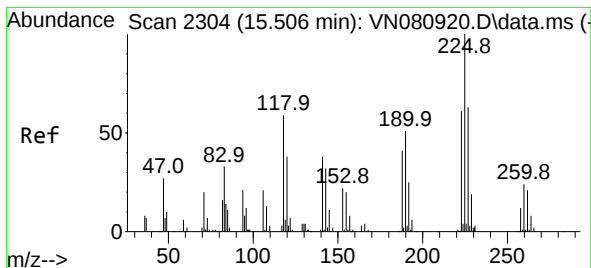
Reviewed By :John Carlone 02/08/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024



#93
 1,2,4-Trichlorobenzene
 Concen: 41.702 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN080947.D
 Acq: 07 Feb 2024 19:39

Tgt Ion:180 Resp: 209909
 Ion Ratio Lower Upper
 180 100
 182 97.1 46.6 139.7
 145 34.1 16.8 50.3





#94

Hexachlorobutadiene

Concen: 32.693 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

CG-MW-63MS

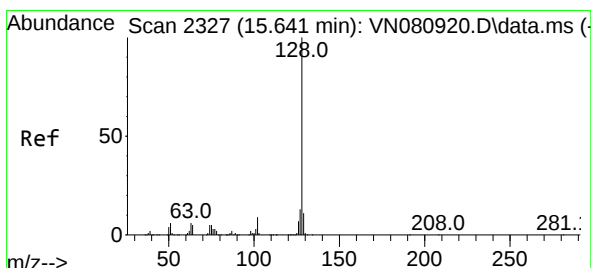
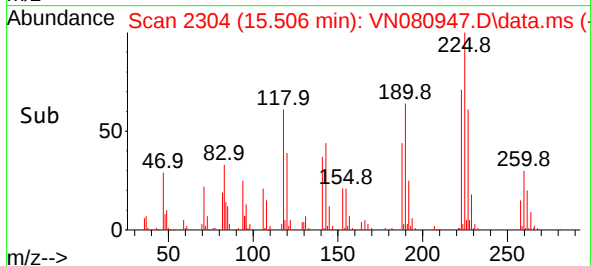
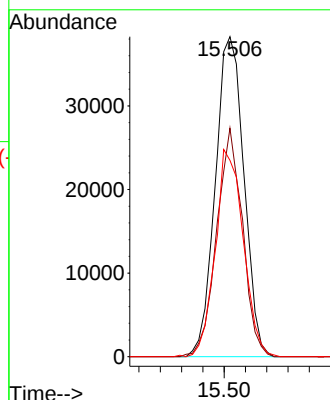
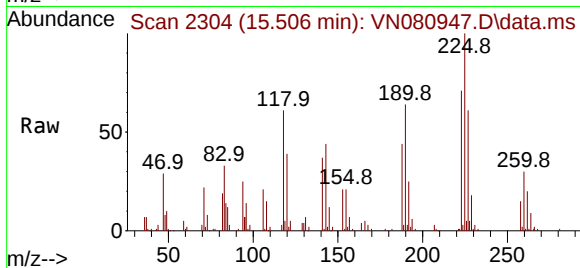
Tgt Ion:	225	Resp:	7134
Ion Ratio	Lower	Upper	
225	100		
223	64.5	33.3	99.8
227	63.3	33.1	99.2

Manual Integrations

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Reviewed By :John Carlone 02/08/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#95

Naphthalene

Concen: 48.810 ug/l

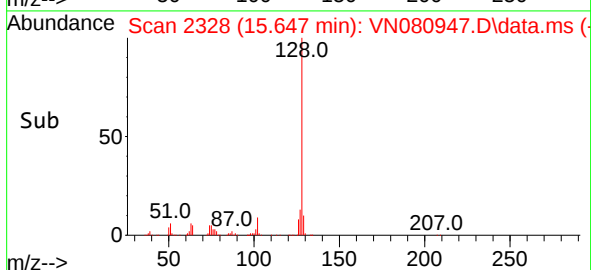
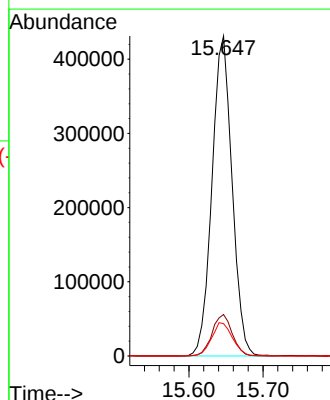
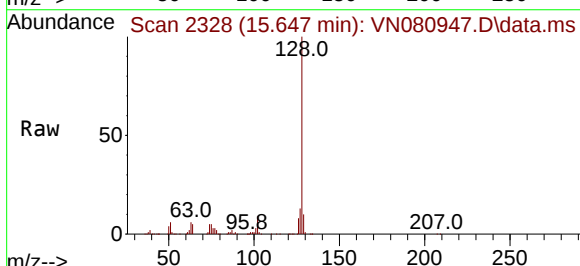
RT: 15.647 min Scan# 2328

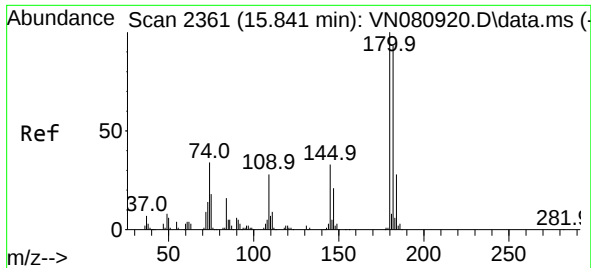
Delta R.T. 0.006 min

Lab File: VN080947.D

Acq: 07 Feb 2024 19:39

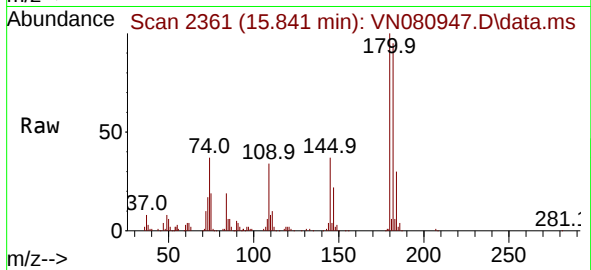
Tgt Ion:	128	Resp:	811196
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 41.929 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080947.D
 Acq: 07 Feb 2024 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63MS



Tgt Ion:180 Resp: 207744
 Ion Ratio Lower Upper
 180 100
 182 96.7 46.5 139.3
 145 36.3 17.8 53.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/08/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024

