

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080890.D
 Acq On : 02 Feb 2024 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:59:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	203507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111118	56.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.720%	
35) Dibromofluoromethane	8.165	113	75294	52.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.180%	
50) Toluene-d8	10.571	98	285755	50.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.847	95	96015	49.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	80538	47.577	ug/l	98
3) Chloromethane	2.359	50	111248	43.719	ug/l	95
4) Vinyl Chloride	2.512	62	85909	44.408	ug/l	94
5) Bromomethane	2.948	94	35253	45.559	ug/l	86
6) Chloroethane	3.112	64	52645	51.043	ug/l	96
7) Trichlorofluoromethane	3.489	101	117875	47.080	ug/l	96
8) Diethyl Ether	3.959	74	57329	49.636	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	69594	47.667	ug/l	96
10) Methyl Iodide	4.583	142	60143	48.798	ug/l	97
11) Tert butyl alcohol	5.518	59	89058	277.093	ug/l	100
12) 1,1-Dichloroethene	4.336	96	74080	46.307	ug/l	92
13) Acrolein	4.177	56	96832	238.913	ug/l	99
14) Allyl chloride	5.018	41	154131	48.744	ug/l	97
15) Acrylonitrile	5.712	53	266076	275.266	ug/l	99
16) Acetone	4.424	43	196620	274.968	ug/l	100
17) Carbon Disulfide	4.712	76	202629	40.686	ug/l	96
18) Methyl Acetate	5.024	43	145318	58.312	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	281694	49.973	ug/l	96
20) Methylene Chloride	5.271	84	90921	48.438	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	82122	47.251	ug/l	95
22) Diisopropyl ether	6.671	45	364894	52.300	ug/l	97
23) Vinyl Acetate	6.600	43	1396739	276.683	ug/l	100
24) 1,1-Dichloroethane	6.565	63	181694	51.350	ug/l	99
25) 2-Butanone	7.483	43	361818	266.394	ug/l	99
26) 2,2-Dichloropropane	7.489	77	125788	43.984	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	95529	47.483	ug/l	97
28) Bromochloromethane	7.818	49	85017	45.382	ug/l	97
29) Tetrahydrofuran	7.836	42	256900	279.531	ug/l	98
30) Chloroform	7.965	83	164895	50.162	ug/l	98
31) Cyclohexane	8.259	56	152810	45.197	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	131519	49.338	ug/l	99
36) 1,1-Dichloropropene	8.371	75	126001	47.347	ug/l	97
37) Ethyl Acetate	7.565	43	150296	54.861	ug/l	97
38) Carbon Tetrachloride	8.365	117	103885	48.449	ug/l	94
39) Methylcyclohexane	9.600	83	121677	46.000	ug/l	99
40) Benzene	8.606	78	411030	52.551	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79889m	49.477	ug/l	
42) 1,2-Dichloroethane	8.671	62	151911	59.615	ug/l	99
43) Isopropyl Acetate	8.688	43	290390	58.221	ug/l	98
44) Trichloroethene	9.353	130	76465	44.385	ug/l	78
45) 1,2-Dichloropropane	9.624	63	108935	51.464	ug/l	99
46) Dibromomethane	9.706	93	62952	50.169	ug/l	96
47) Bromodichloromethane	9.888	83	126689	49.730	ug/l #	99
48) Methyl methacrylate	9.682	41	122861	50.810	ug/l	96
49) 1,4-Dioxane	9.694	88	32557	1117.779	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	796650	285.715	ug/l	99
52) Toluene	10.629	92	229076	51.080	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	142891	48.147	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	157264	48.729	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	85270	49.475	ug/l	93
56) Ethyl methacrylate	10.877	69	156927	59.229	ug/l	98
57) 1,3-Dichloropropane	11.165	76	165917	51.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	407445	263.796	ug/l	99
59) 2-Hexanone	11.200	43	595896	275.134	ug/l	96
60) Dibromochloromethane	11.365	129	81433	50.797	ug/l	97
61) 1,2-Dibromoethane	11.471	107	87883	54.409	ug/l	96
64) Tetrachloroethene	11.106	164	62893	47.018	ug/l	97
65) Chlorobenzene	11.894	112	209931	47.265	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	71808	49.717	ug/l	100
67) Ethyl Benzene	11.965	91	411468	49.844	ug/l	98
68) m/p-Xylenes	12.071	106	297538	101.491	ug/l	98
69) o-Xylene	12.400	106	149405	51.288	ug/l	100
70) Styrene	12.412	104	245314	52.435	ug/l	98
71) Bromoform	12.576	173	50989	52.212	ug/l #	97
73) Isopropylbenzene	12.700	105	360550	48.292	ug/l	100
74) N-amyl acetate	12.494	43	242912	52.403	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	132239	50.352	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	123650m	50.286	ug/l	
77) Bromobenzene	12.982	156	72090	45.170	ug/l	90
78) n-propylbenzene	13.035	91	448549	50.289	ug/l	97
79) 2-Chlorotoluene	13.129	91	277502	48.951	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	295130	49.635	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51463	53.917	ug/l	97
82) 4-Chlorotoluene	13.223	91	262890	46.833	ug/l	98
83) tert-Butylbenzene	13.441	119	233070	49.085	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	300323	49.851	ug/l	98
85) sec-Butylbenzene	13.618	105	344488	49.210	ug/l	98
86) p-Isopropyltoluene	13.729	119	264830	48.681	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136432	47.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	137334	47.986	ug/l	99
89) n-Butylbenzene	14.059	91	257814	48.429	ug/l	99
90) Hexachloroethane	14.335	117	43588	45.790	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	131582	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24918	50.761	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63573	47.274	ug/l	98
94) Hexachlorobutadiene	15.506	225	26591	45.261	ug/l	98
95) Naphthalene	15.641	128	250293	48.640	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	63418	47.977	ug/l	97

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Response via : Initial Calibration

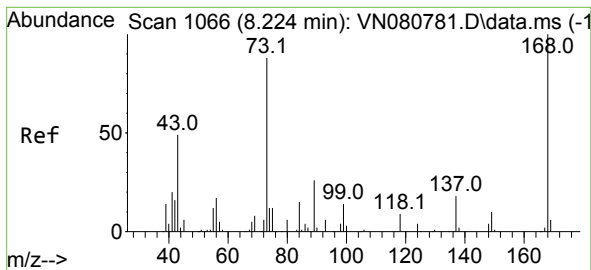
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

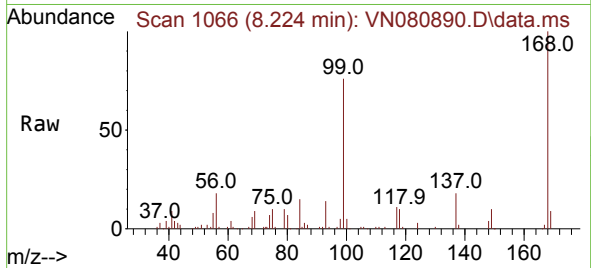
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080890.D
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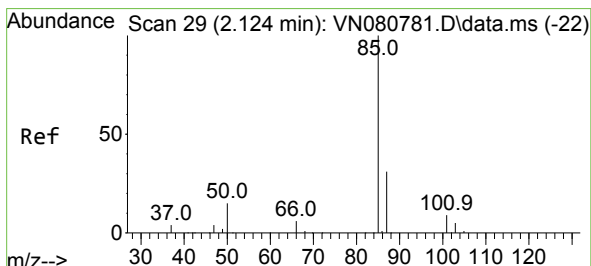
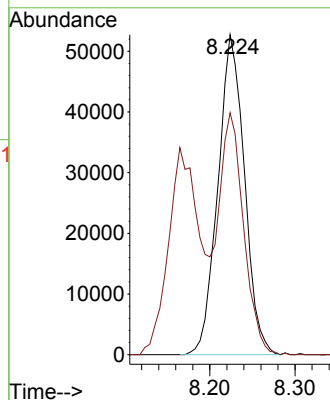
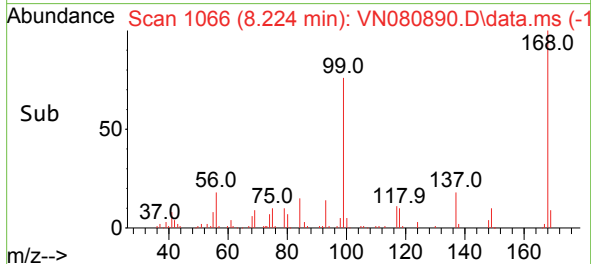
Instrument :
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Tgt Ion:168 Resp: 113970
Ion Ratio Lower Upper
168 100
99 75.6 59.9 89.9

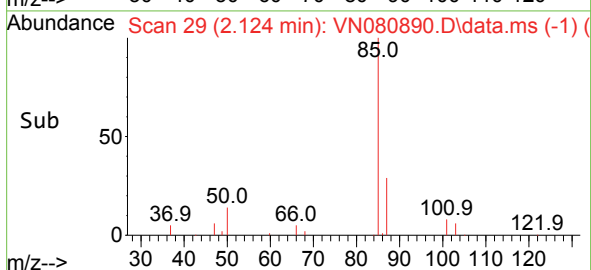
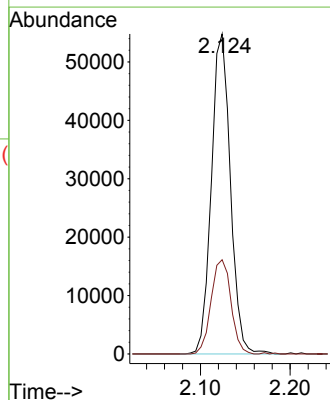
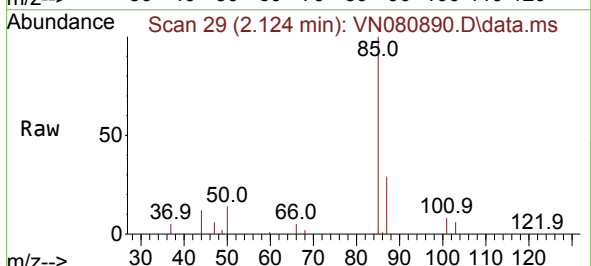
Manual Integrations
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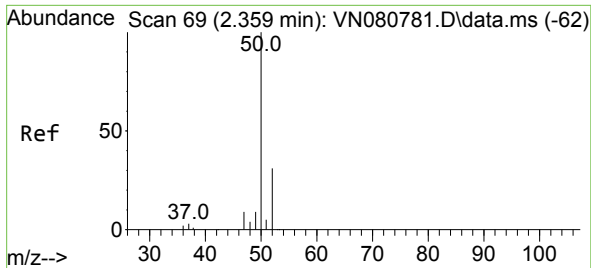
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#2
Dichlorodifluoromethane
Concen: 47.577 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

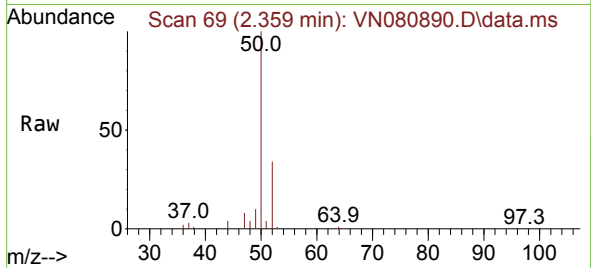
Tgt Ion: 85 Resp: 80538
Ion Ratio Lower Upper
85 100
87 29.4 15.3 45.9





#3
Chloromethane
Concen: 43.719 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

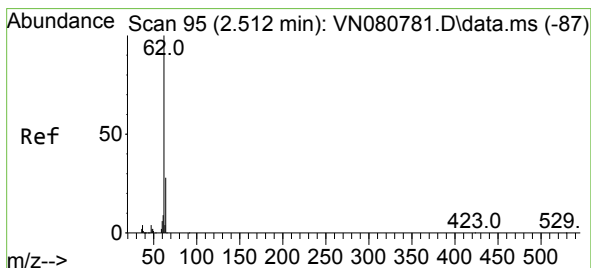
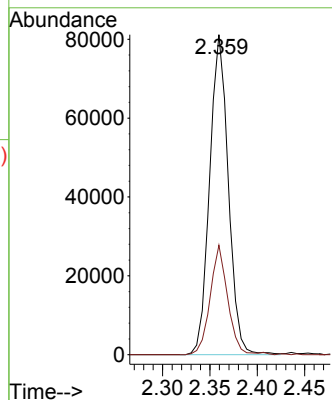
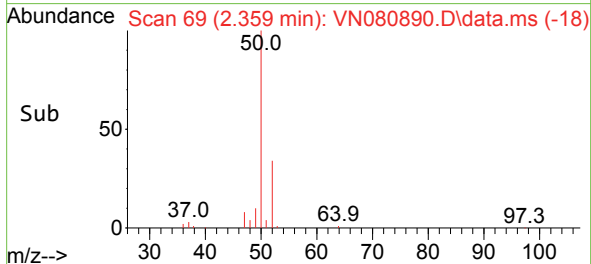
Instrument :
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Tgt Ion: 50 Resp: 111248
Ion Ratio Lower Upper
50 100
52 34.2 25.0 37.4

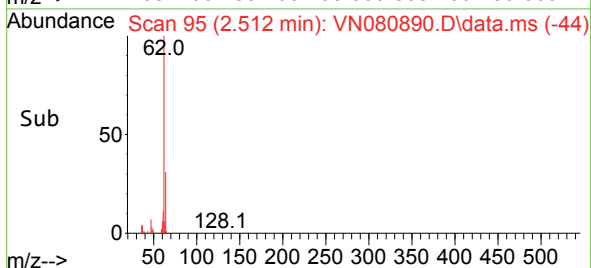
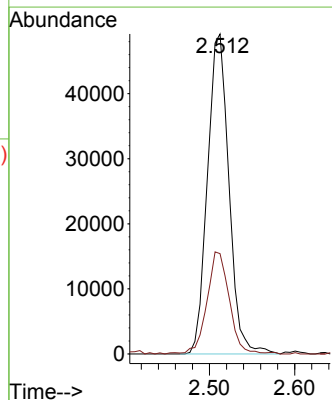
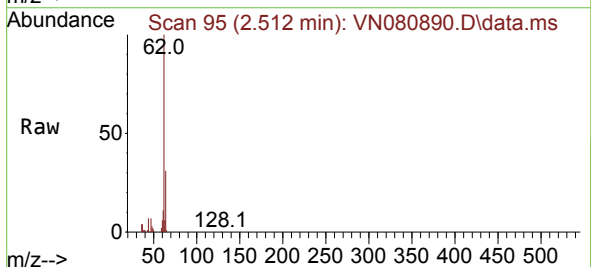
Manual Integrations
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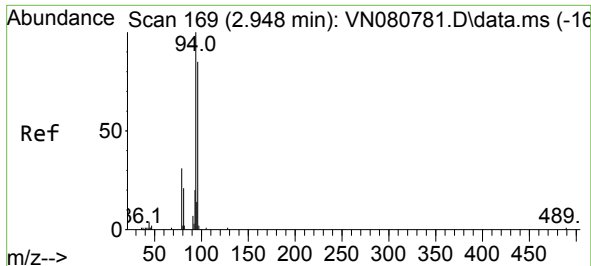
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#4
Vinyl Chloride
Concen: 44.408 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

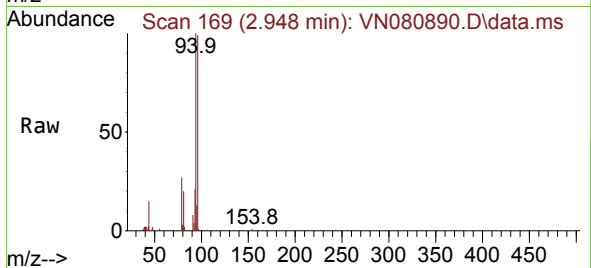
Tgt Ion: 62 Resp: 85909
Ion Ratio Lower Upper
62 100
64 31.4 22.7 34.1





#5
Bromomethane
Concen: 45.559 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

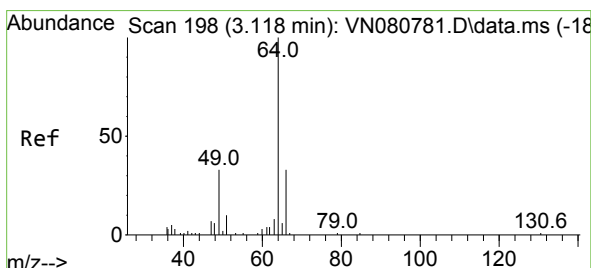
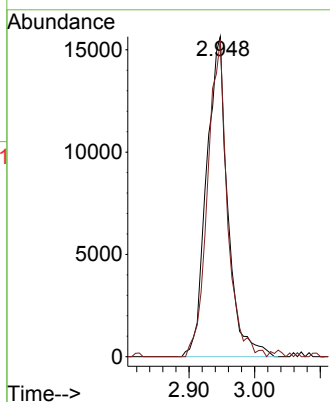
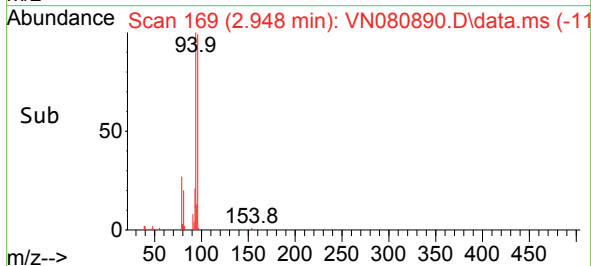
Instrument :
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Tgt Ion: 94 Resp: 3525
Ion Ratio Lower Upper
94 100
96 99.1 69.2 103.8

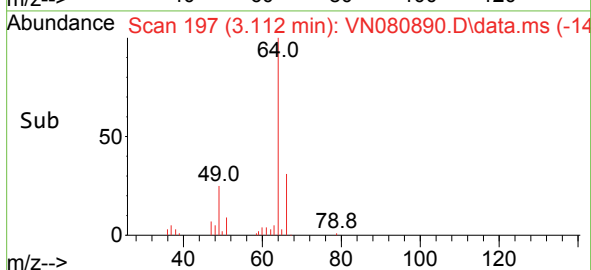
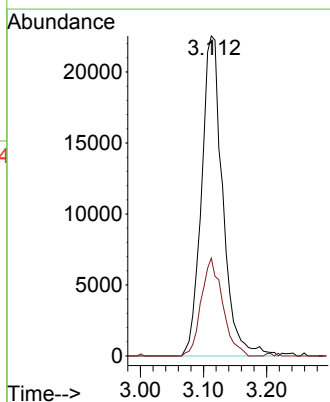
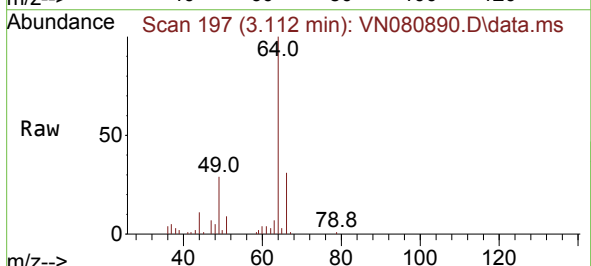
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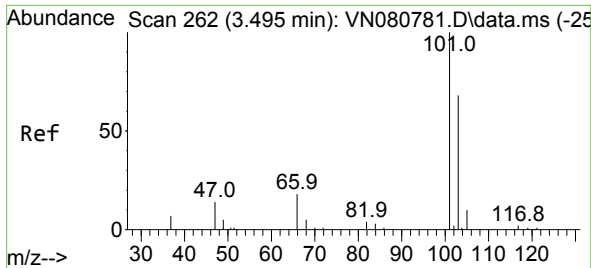
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#6
Chloroethane
Concen: 51.043 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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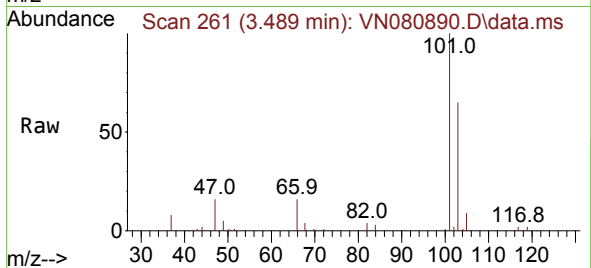
Tgt Ion: 64 Resp: 52645
Ion Ratio Lower Upper
64 100
66 30.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 47.080 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

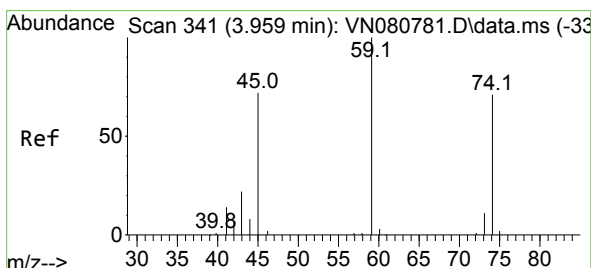
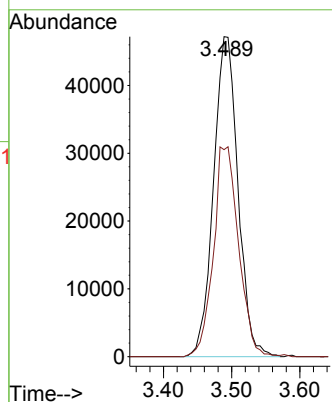
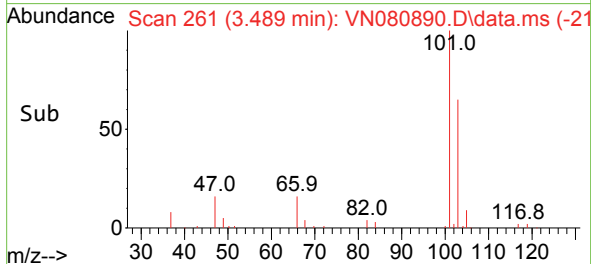
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 117875
Ion Ratio Lower Upper
101 100
103 64.7 54.4 81.6

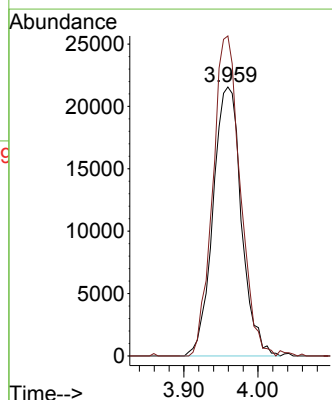
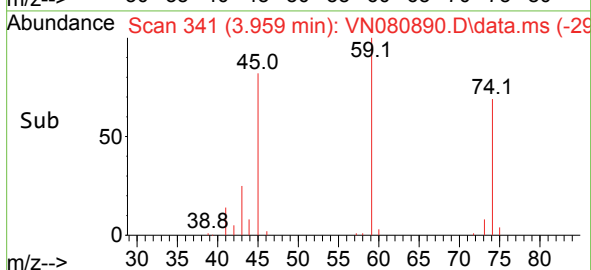
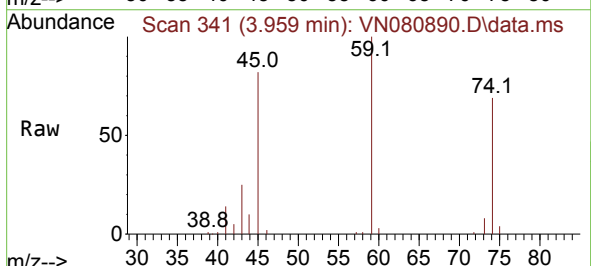
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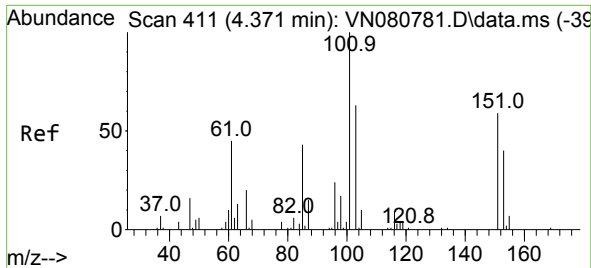
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#8
Diethyl Ether
Concen: 49.636 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 57329
Ion Ratio Lower Upper
74 100
45 115.0 53.3 159.9





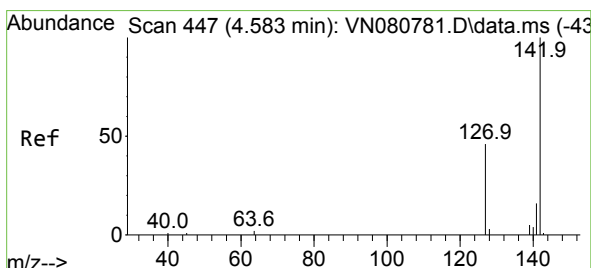
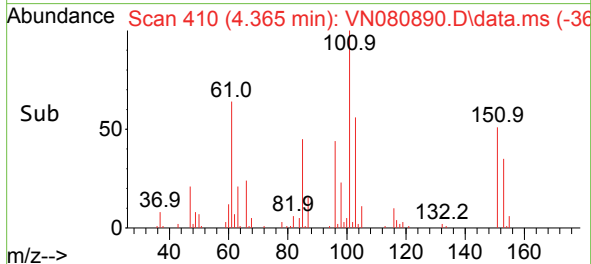
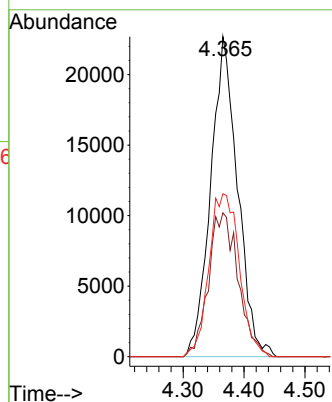
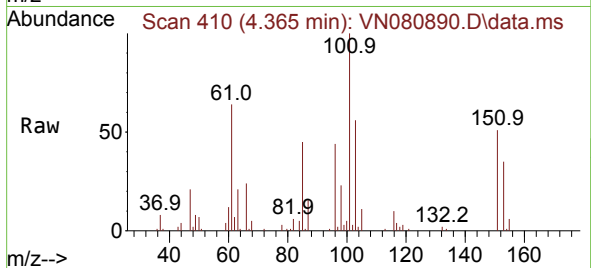
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.667 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 69594
Ion Ratio Lower Upper
101 100
85 49.9 38.1 57.1
151 57.4 49.1 73.7

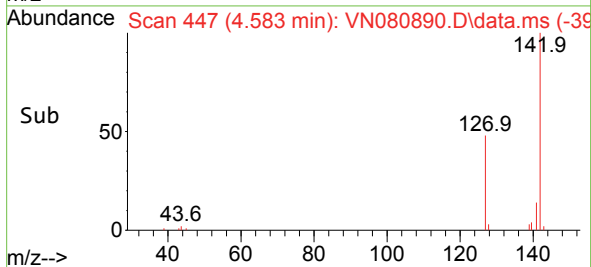
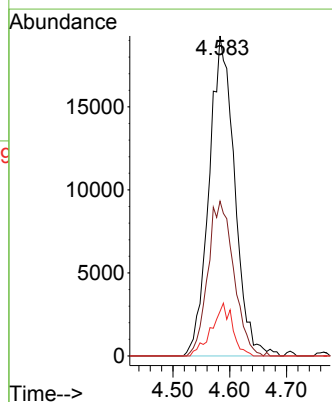
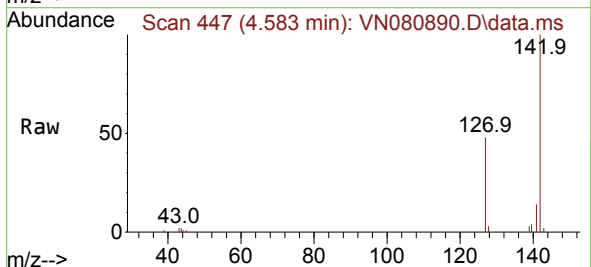
Manual Integrations
APPROVED

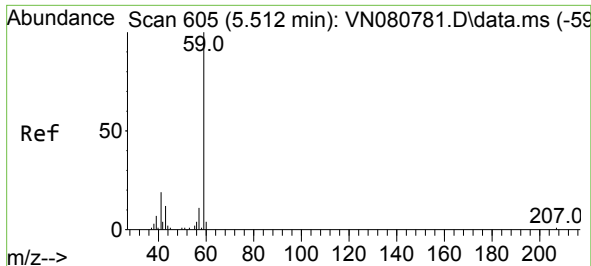
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#10
Methyl Iodide
Concen: 48.798 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

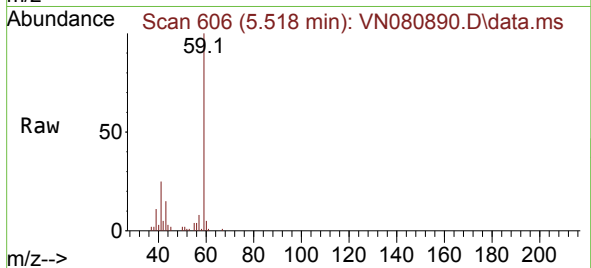
Tgt Ion:142 Resp: 60143
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 14.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 277.093 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

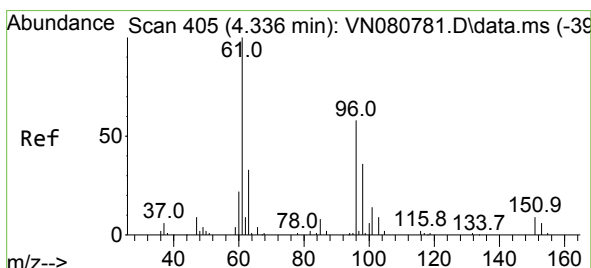
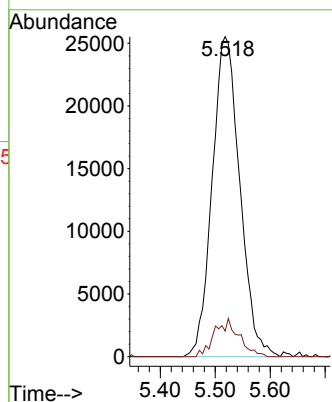
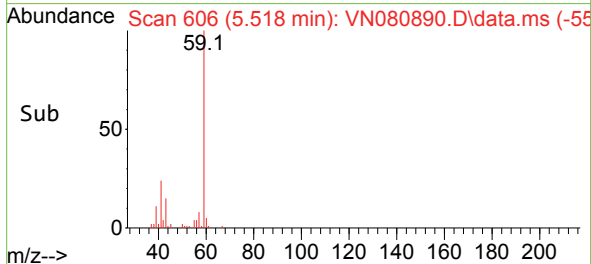
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



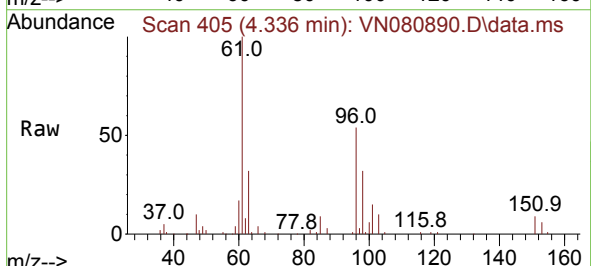
Tgt Ion: 59 Resp: 8905
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

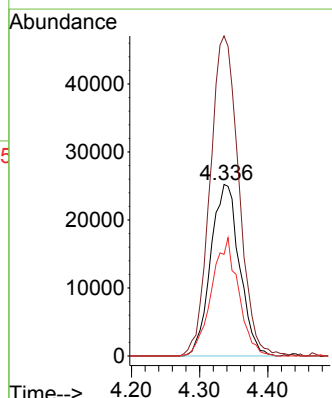
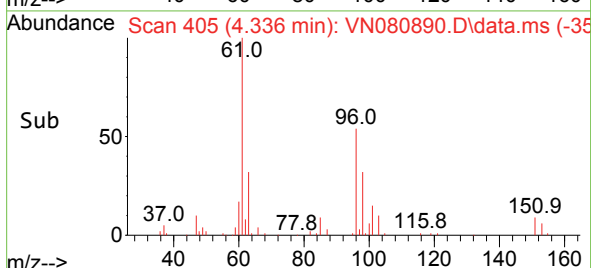
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

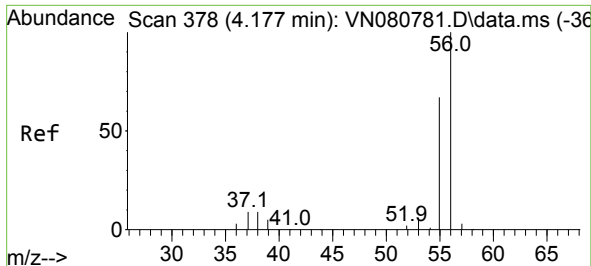


#12
1,1-Dichloroethene
Concen: 46.307 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



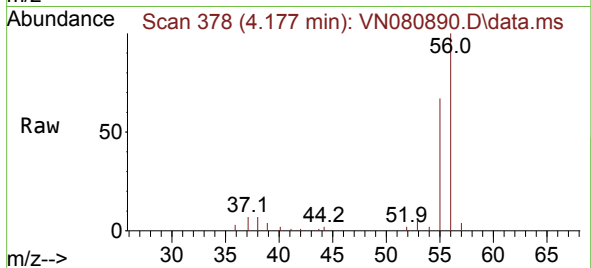
Tgt Ion: 96 Resp: 74080
Ion Ratio Lower Upper
96 100
61 186.6 138.2 207.4
98 59.3 49.2 73.8





#13
Acrolein
Concen: 238.913 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

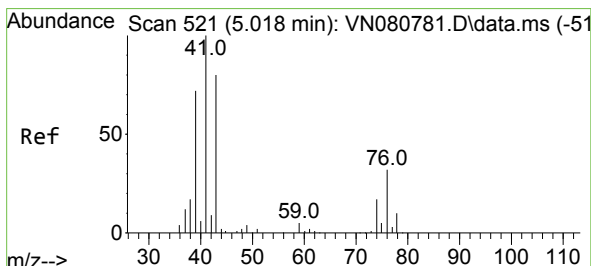
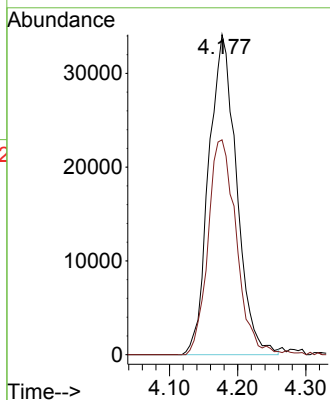
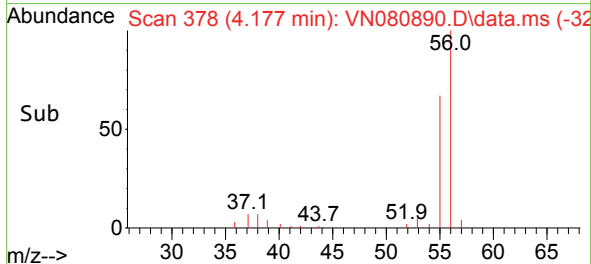
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 96832
Ion Ratio Lower Upper
56 100
55 68.1 55.3 82.9

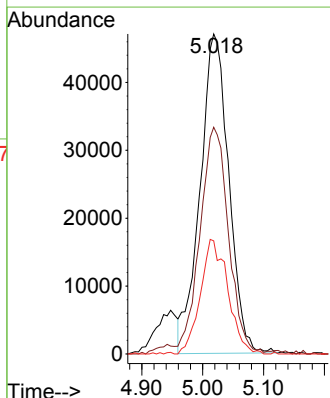
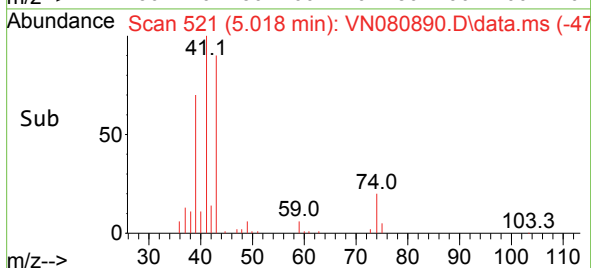
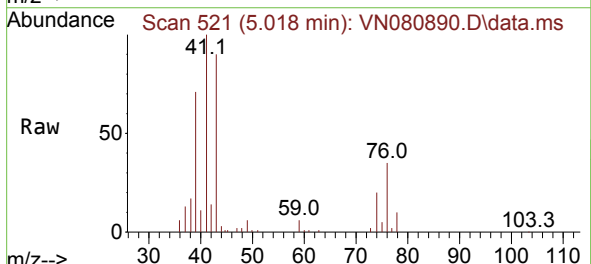
Manual Integrations
APPROVED

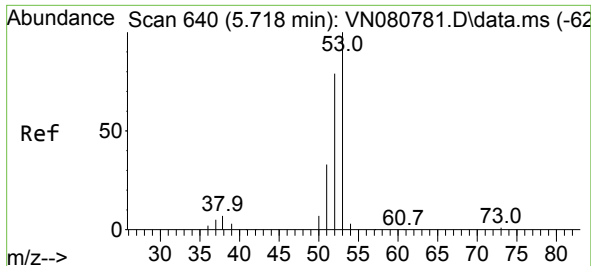
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#14
Allyl chloride
Concen: 48.744 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

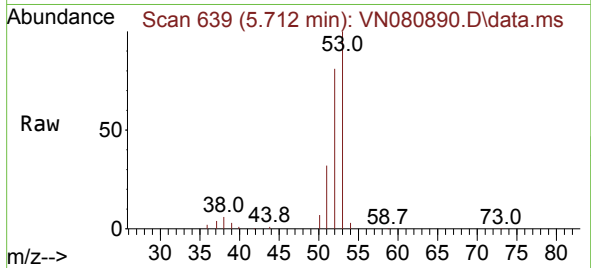
Tgt Ion: 41 Resp: 154131
Ion Ratio Lower Upper
41 100
39 69.3 57.7 86.5
76 34.4 26.8 40.2





#15
Acrylonitrile
Concen: 275.266 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

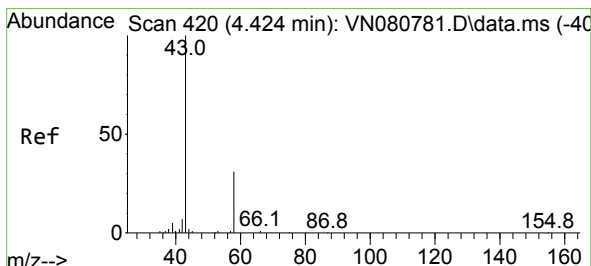
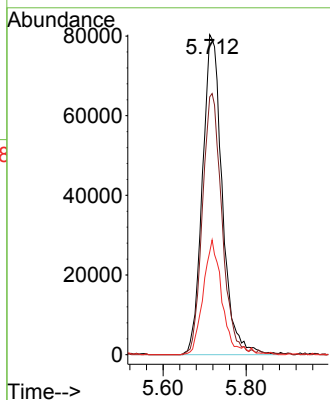
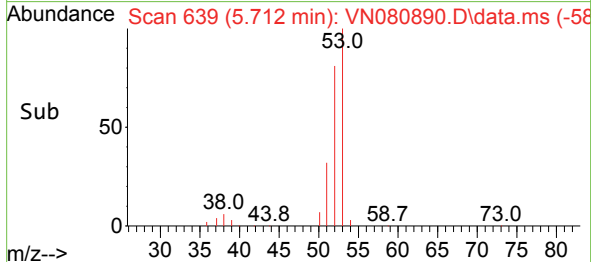
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 266070
Ion Ratio Lower Upper
53 100
52 80.0 64.8 97.2
51 33.9 26.9 40.3

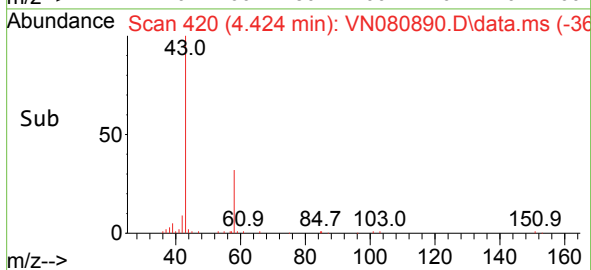
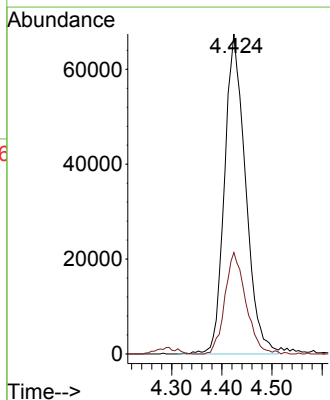
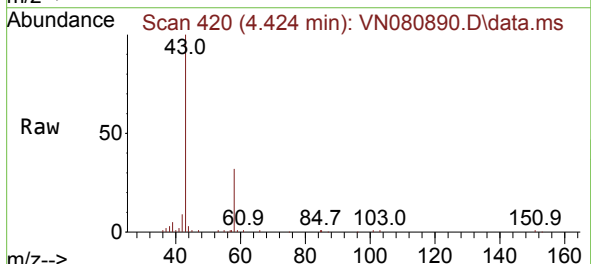
Manual Integrations
APPROVED

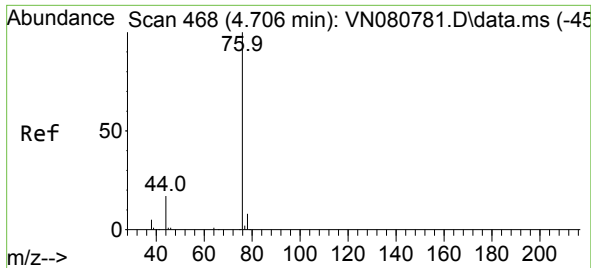
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#16
Acetone
Concen: 274.968 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

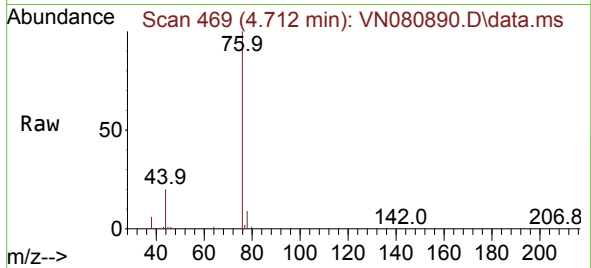
Tgt Ion: 43 Resp: 196620
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





#17
Carbon Disulfide
Concen: 40.686 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

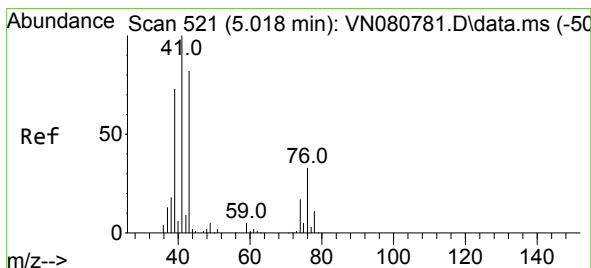
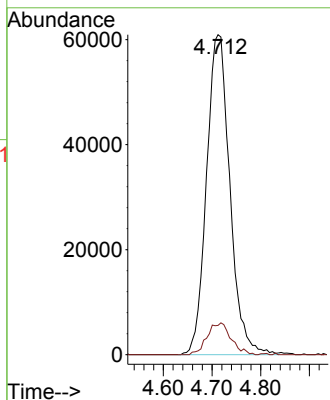
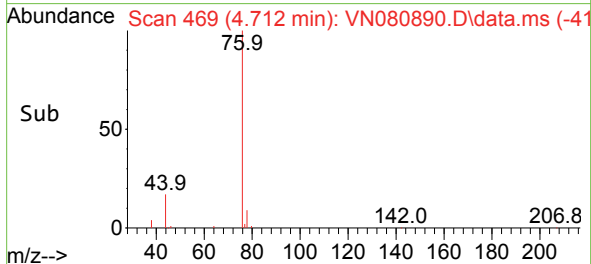
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 202629
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5

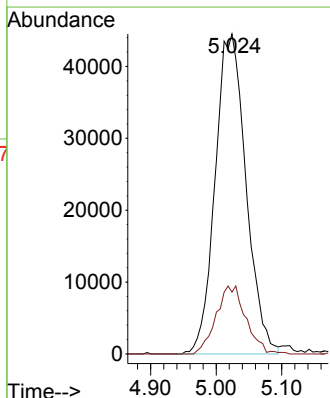
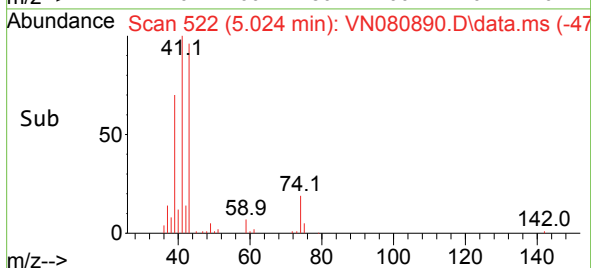
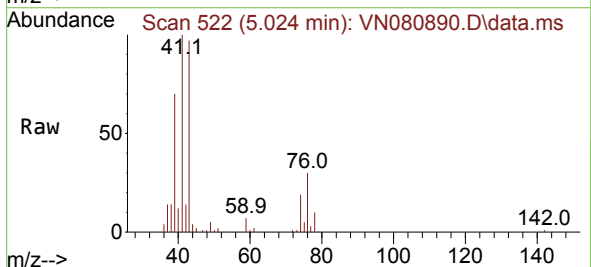
Manual Integrations
APPROVED

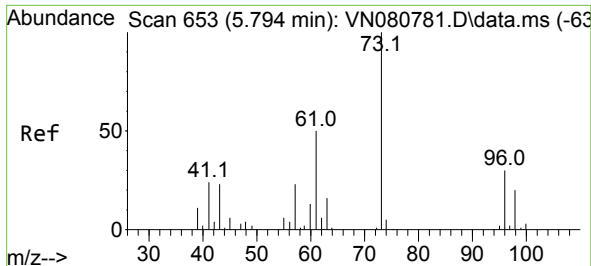
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#18
Methyl Acetate
Concen: 58.312 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 43 Resp: 145318
Ion Ratio Lower Upper
43 100
74 20.6 17.3 25.9





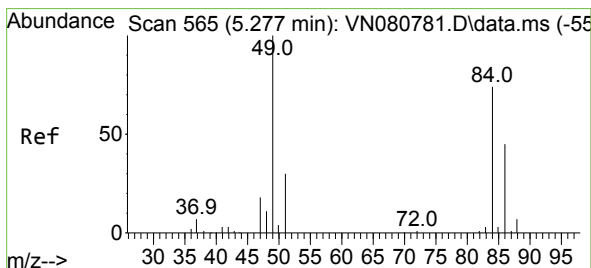
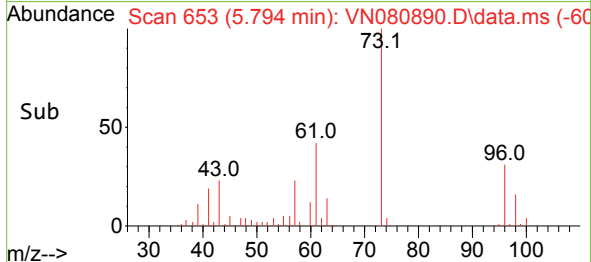
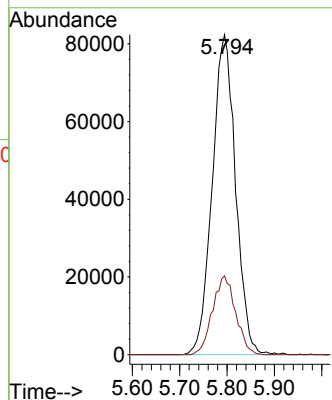
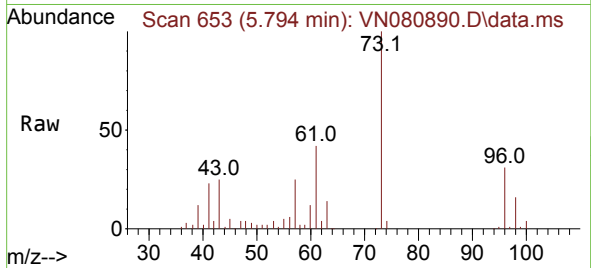
#19
Methyl tert-butyl Ether
Concen: 49.973 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 281694
Ion Ratio Lower Upper
73 100
57 24.7 18.2 27.4

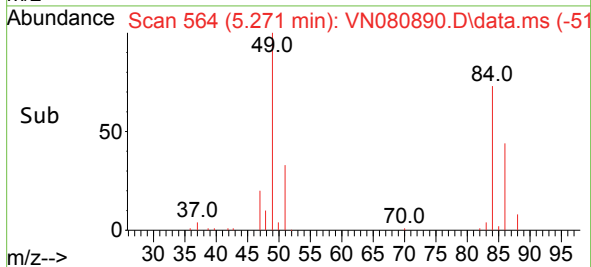
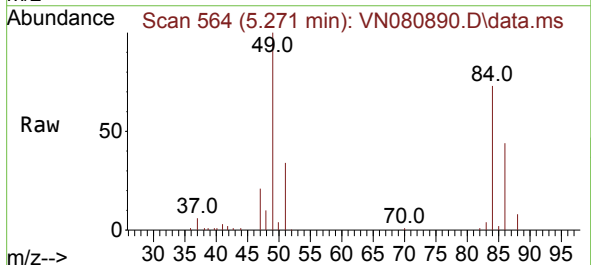
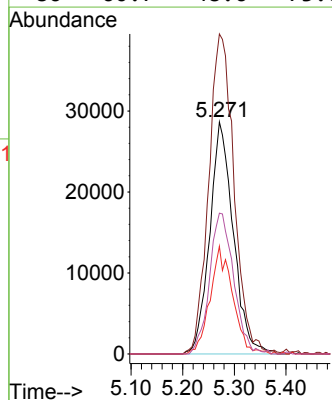
Manual Integrations
APPROVED

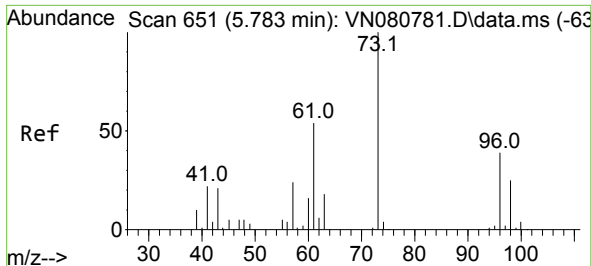
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#20
Methylene Chloride
Concen: 48.438 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 84 Resp: 90921
Ion Ratio Lower Upper
84 100
49 137.9 108.1 162.1
51 46.4 32.9 49.3
86 60.7 48.6 73.0





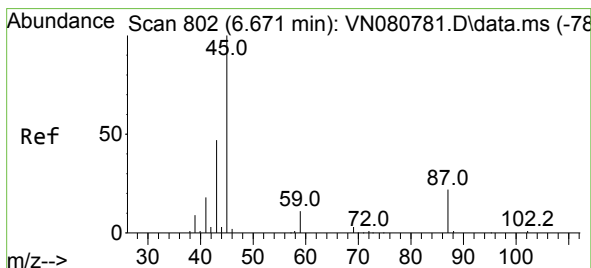
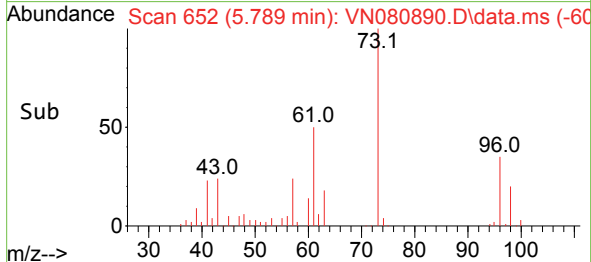
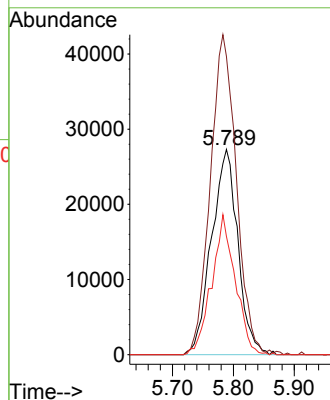
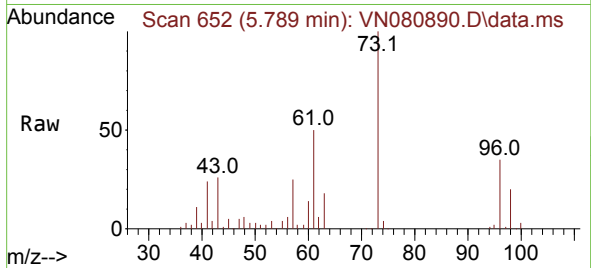
#21
trans-1,2-Dichloroethene
Concen: 47.251 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 8212
Ion Ratio Lower Upper
96 100
61 145.3 112.8 169.2
98 57.6 51.0 76.4

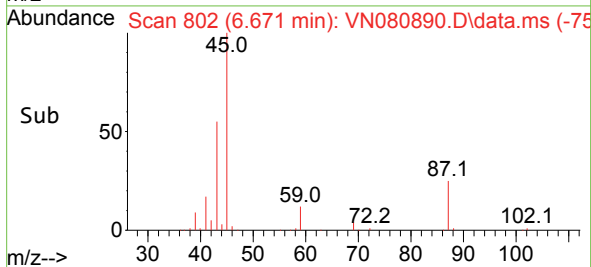
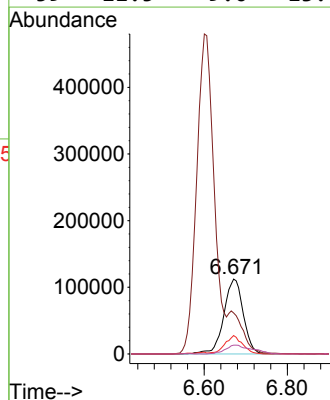
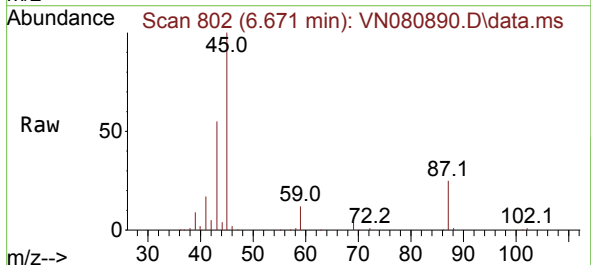
Manual Integrations
APPROVED

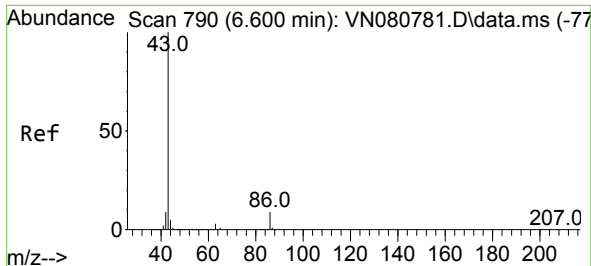
Reviewed By :John Carbone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#22
Diisopropyl ether
Concen: 52.300 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

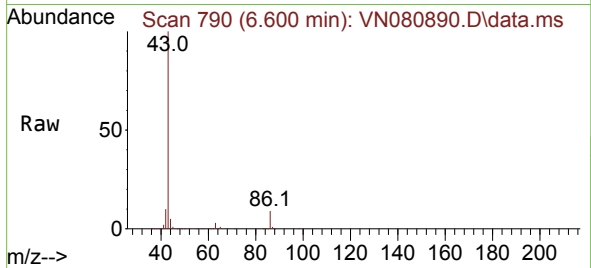
Tgt Ion: 45 Resp: 364894
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 24.5 18.1 27.1
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 276.683 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

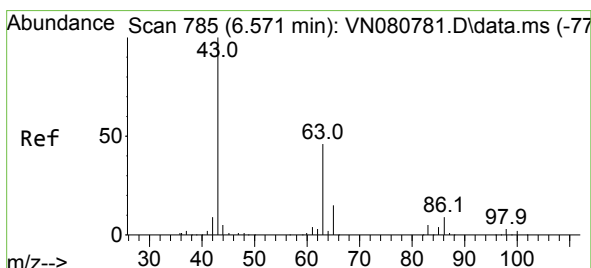
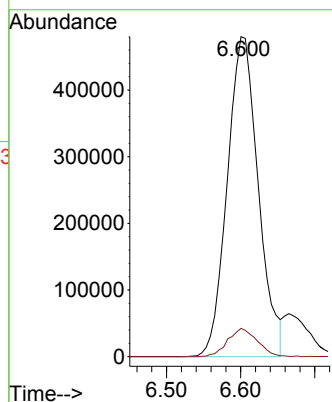
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1396739
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7

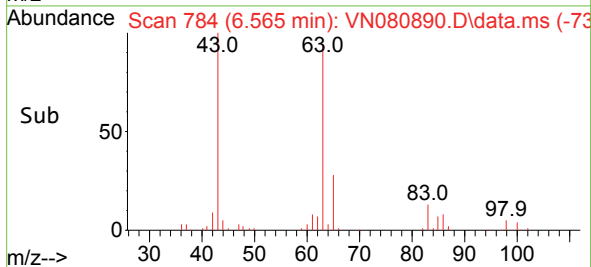
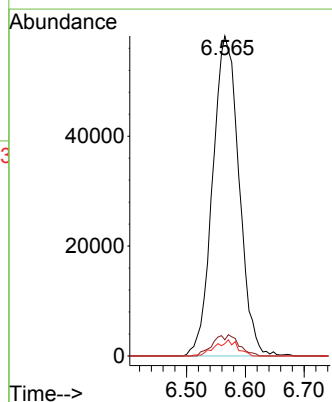
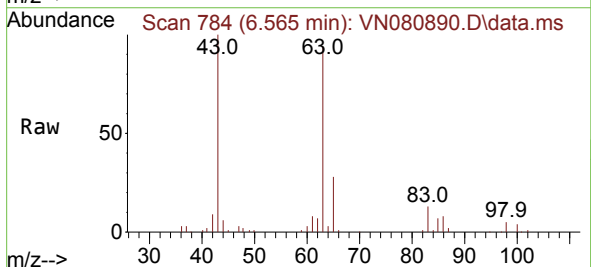
Manual Integrations
 APPROVED

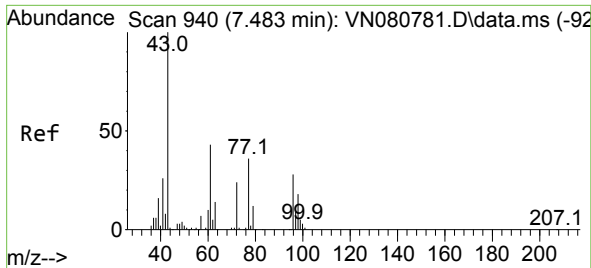
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024



#24
 1,1-Dichloroethane
 Concen: 51.350 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

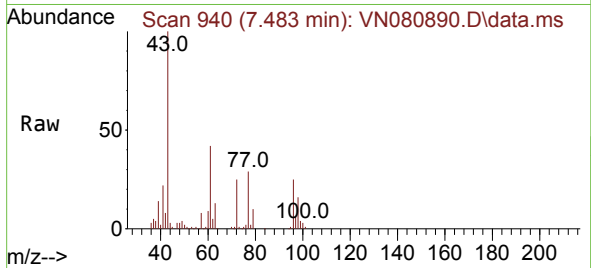
Tgt Ion: 63 Resp: 181694
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 3.9 1.9 5.7





#25
2-Butanone
Concen: 266.394 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

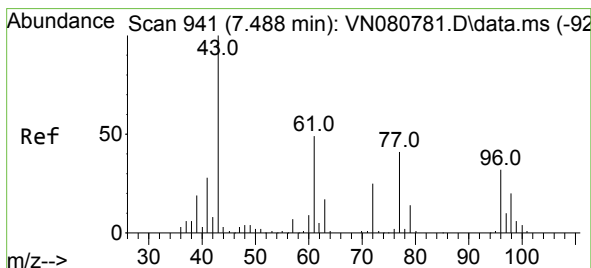
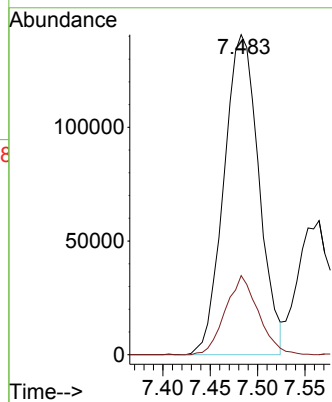
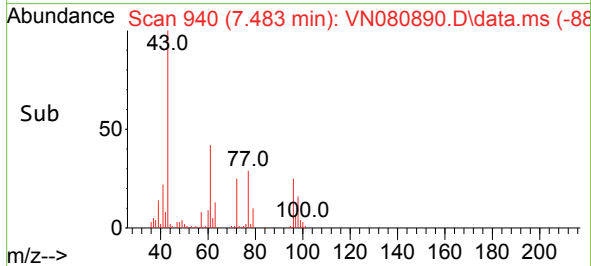
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 361818
Ion Ratio Lower Upper
43 100
72 24.7 19.5 29.3

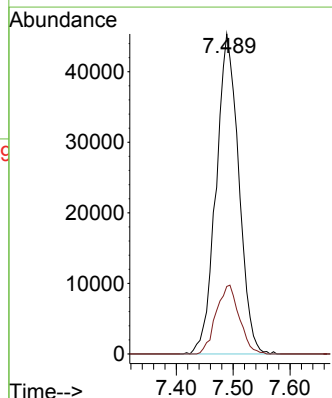
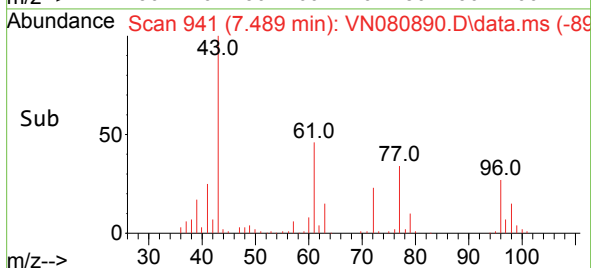
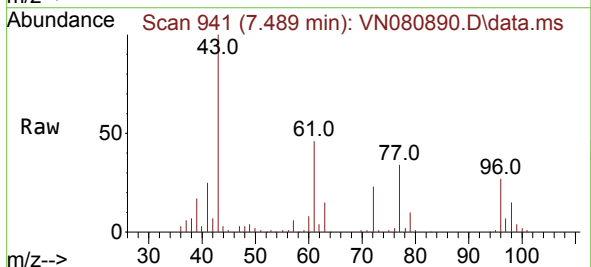
Manual Integrations
APPROVED

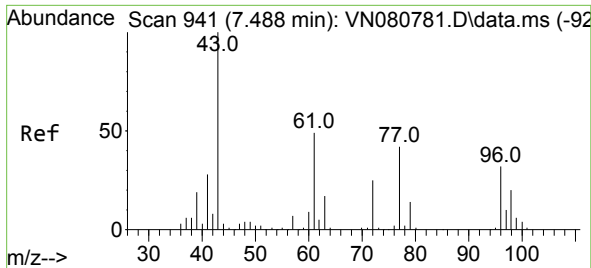
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#26
2,2-Dichloropropane
Concen: 43.984 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

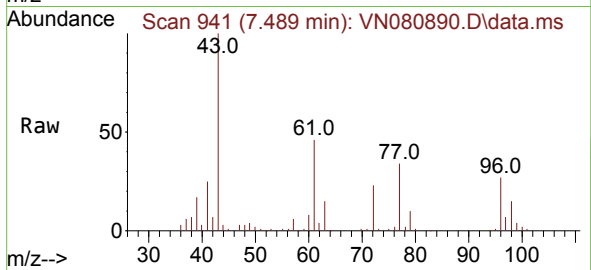
Tgt Ion: 77 Resp: 125788
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 47.483 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

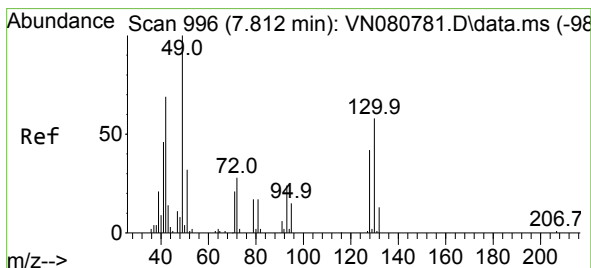
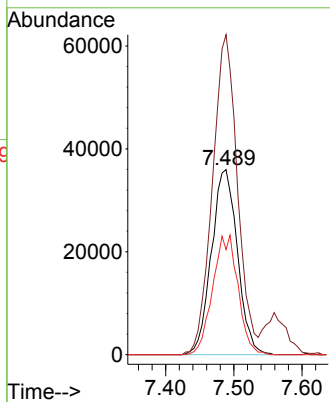
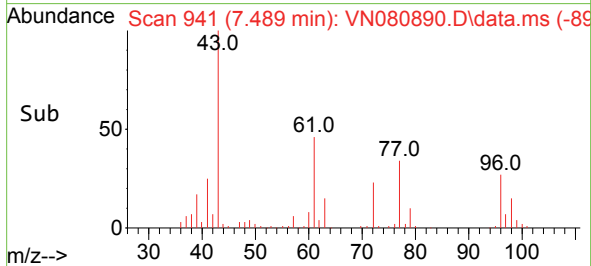
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 95529
Ion Ratio Lower Upper
96 100
61 166.3 0.0 325.4
98 62.8 0.0 130.4

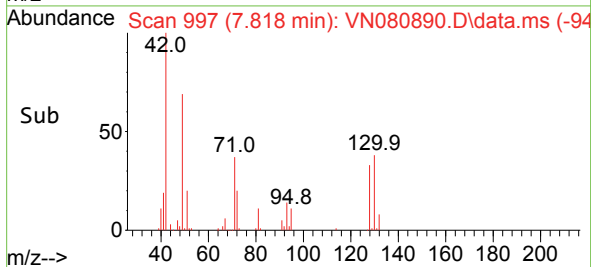
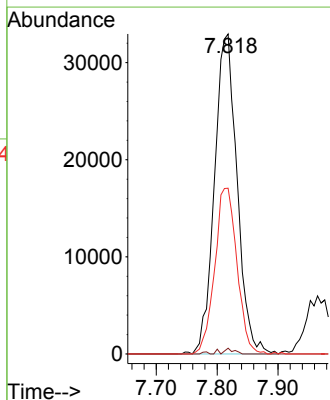
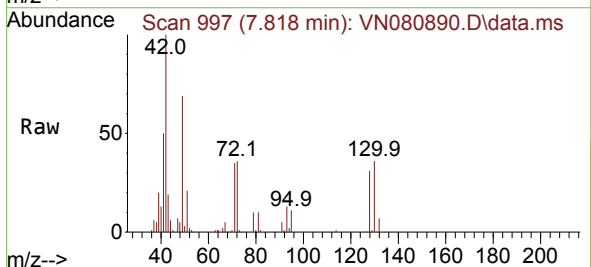
Manual Integrations
APPROVED

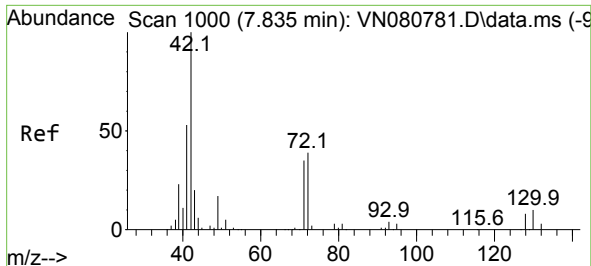
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#28
Bromochloromethane
Concen: 45.382 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 49 Resp: 85017
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.6
130 50.9 42.3 63.5





#29

Tetrahydrofuran

Concen: 279.531 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 256900

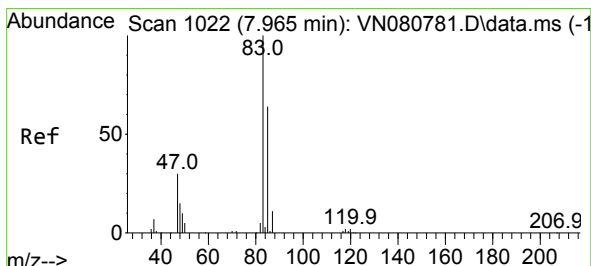
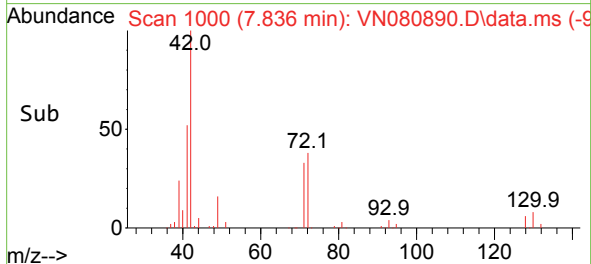
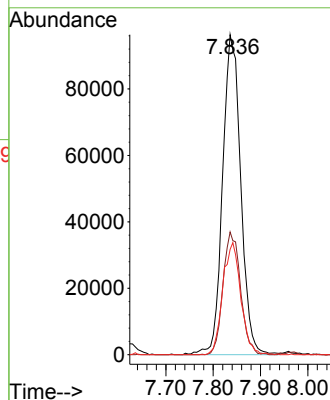
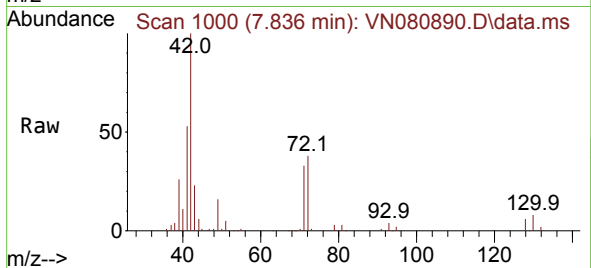
Ion	Ratio	Lower	Upper
42	100		
72	36.9	31.1	46.7
71	34.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#30

Chloroform

Concen: 50.162 ug/l

RT: 7.965 min Scan# 1022

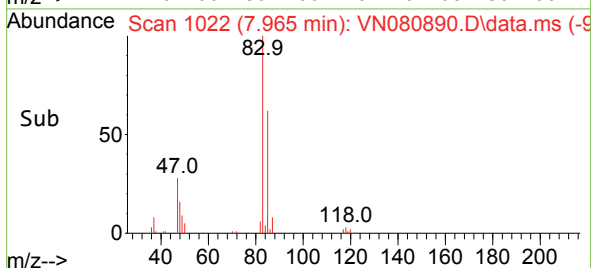
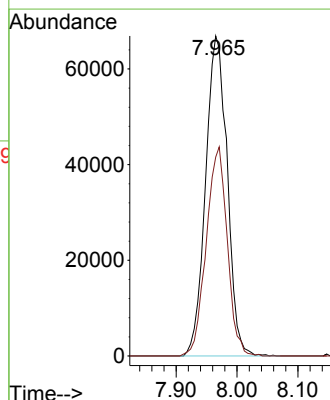
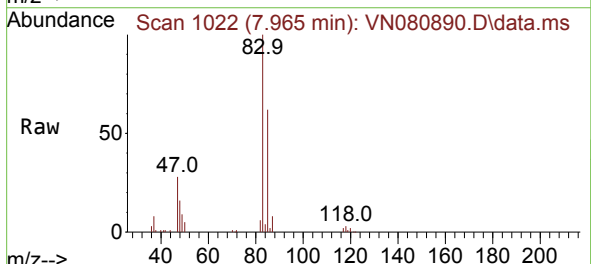
Delta R.T. 0.000 min

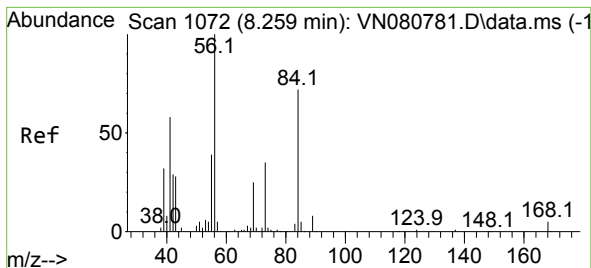
Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Tgt Ion: 83 Resp: 164895

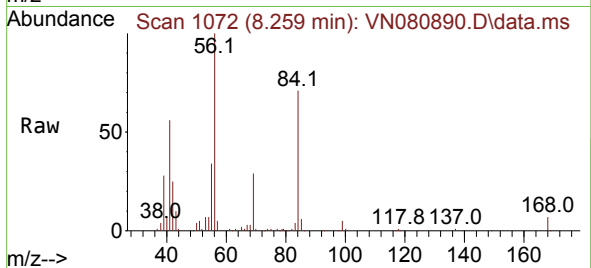
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.0	76.6





#31
Cyclohexane
Concen: 45.197 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

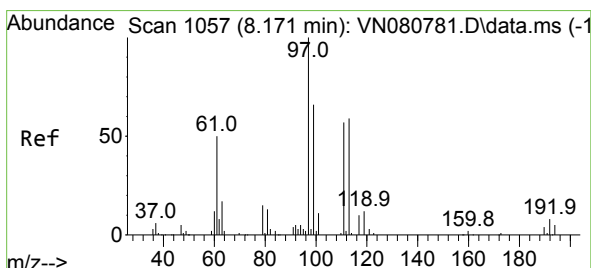
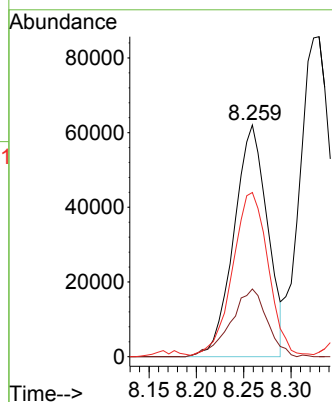
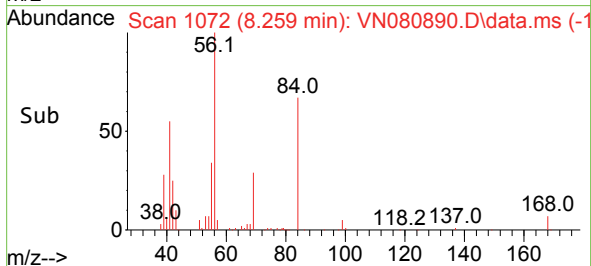
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 152810
Ion Ratio Lower Upper
56 100
69 28.7 20.1 30.1
84 69.4 56.9 85.3

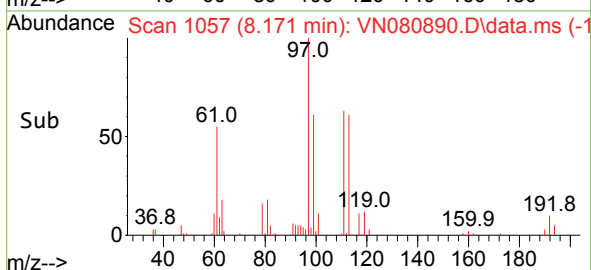
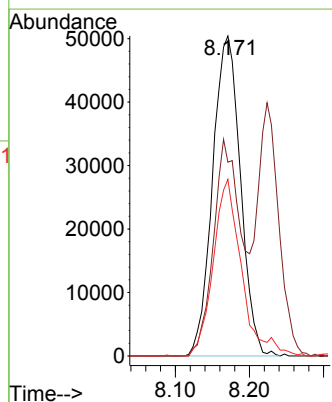
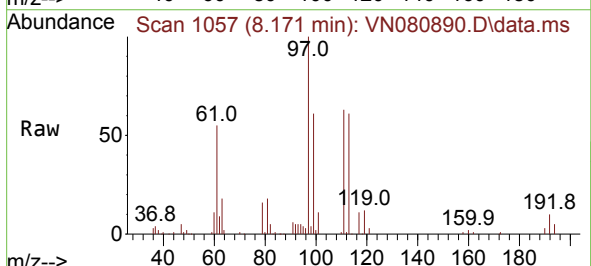
Manual Integrations
APPROVED

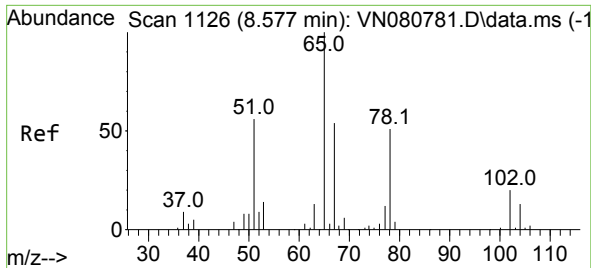
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#32
1,1,1-Trichloroethane
Concen: 49.338 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

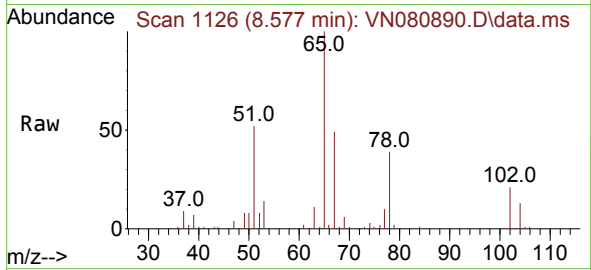
Tgt Ion: 97 Resp: 131519
Ion Ratio Lower Upper
97 100
99 66.8 53.4 80.0
61 56.2 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 56.358 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

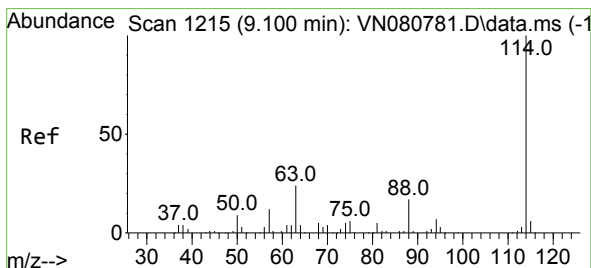
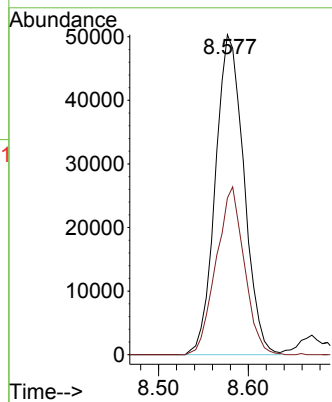
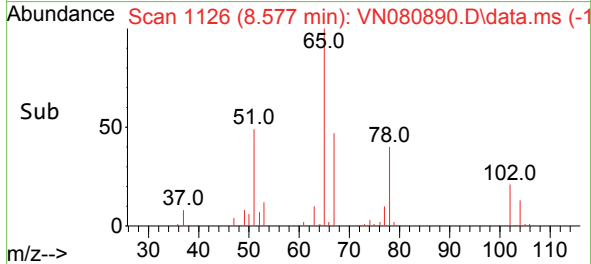
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



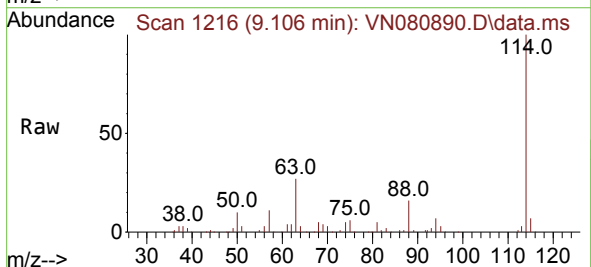
Tgt Ion: 65 Resp: 111118
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

Manual Integrations
APPROVED

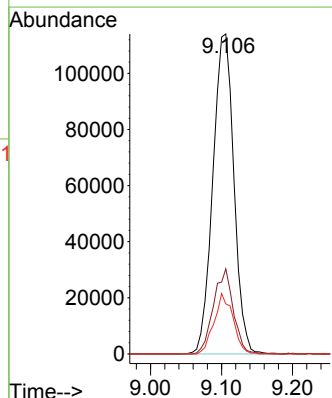
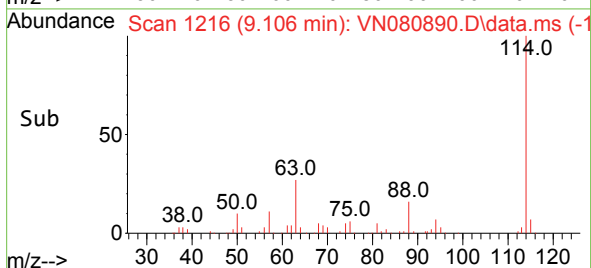
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

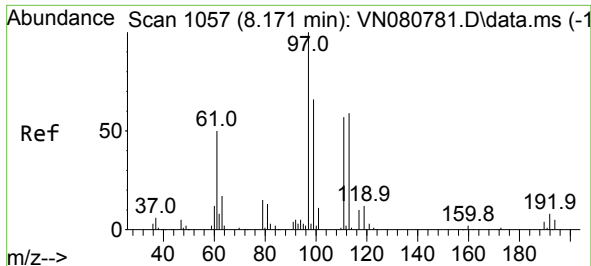


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



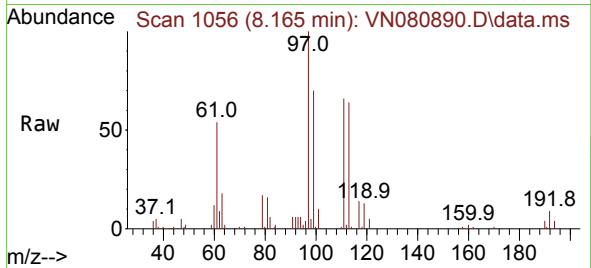
Tgt Ion:114 Resp: 234029
Ion Ratio Lower Upper
114 100
63 26.6 0.0 48.0
88 15.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.587 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

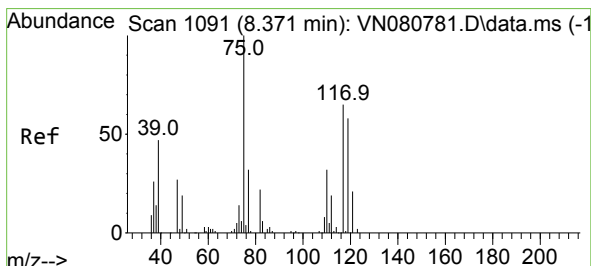
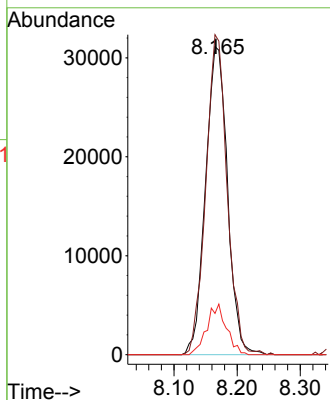
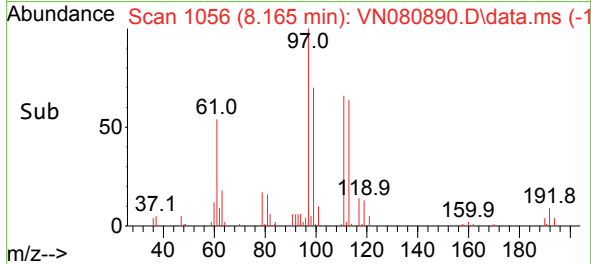
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 75294
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 14.7 12.5 18.7

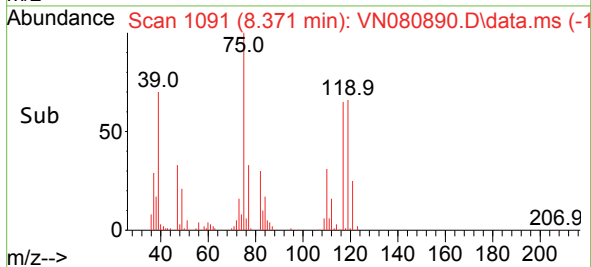
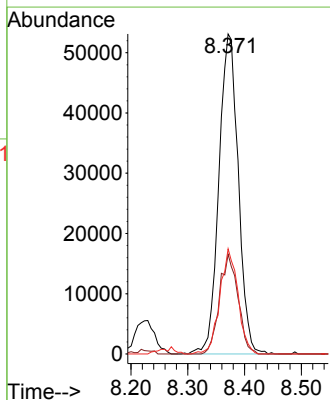
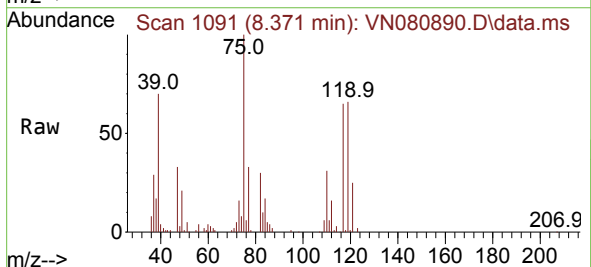
Manual Integrations
APPROVED

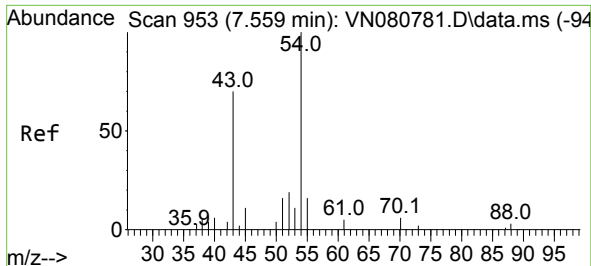
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#36
1,1-Dichloropropene
Concen: 47.347 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 75 Resp: 126001
Ion Ratio Lower Upper
75 100
110 29.7 16.0 48.0
77 30.7 25.8 38.6





#37

Ethyl Acetate

Concen: 54.861 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 150290

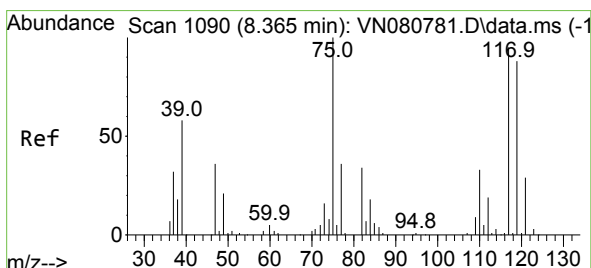
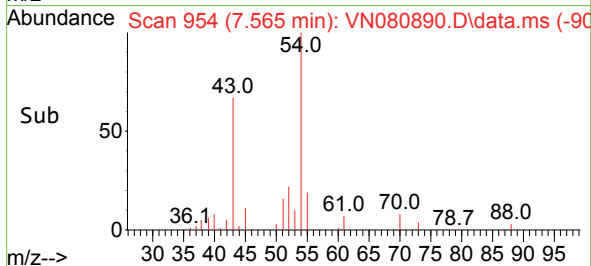
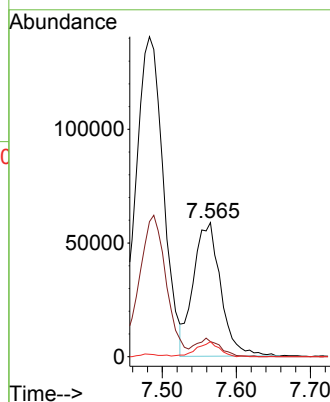
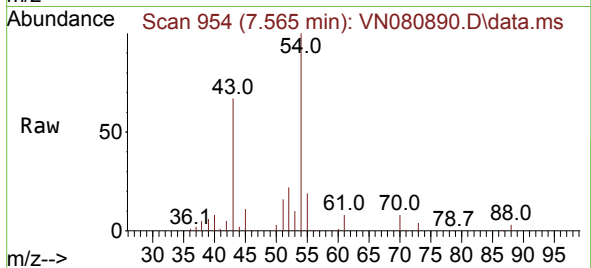
Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.6	15.8
70	9.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#38

Carbon Tetrachloride

Concen: 48.449 ug/l

RT: 8.365 min Scan# 1090

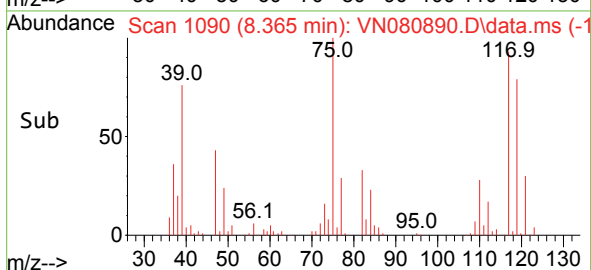
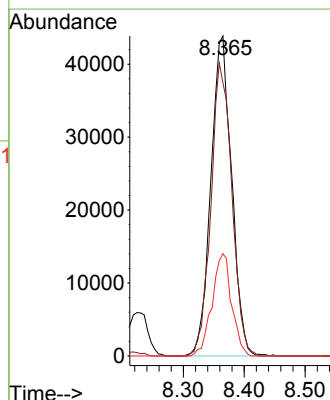
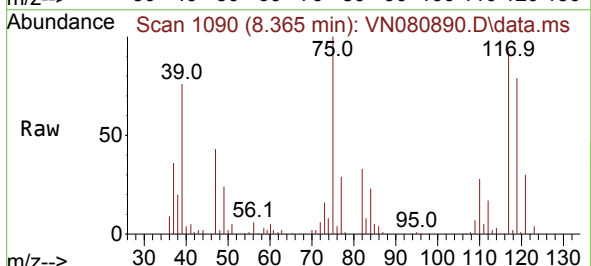
Delta R.T. 0.000 min

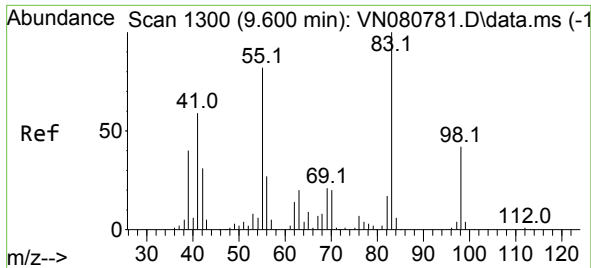
Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Tgt Ion:117 Resp: 103885

Ion	Ratio	Lower	Upper
117	100		
119	85.3	73.4	110.2
121	31.9	24.4	36.6





#39

Methylcyclohexane

Concen: 46.000 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12167

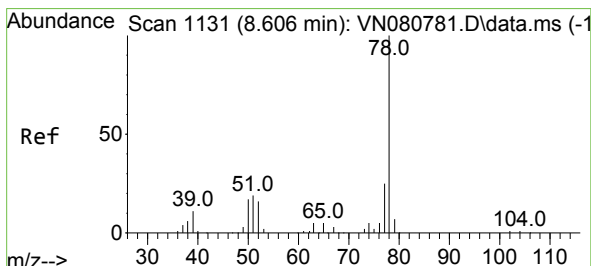
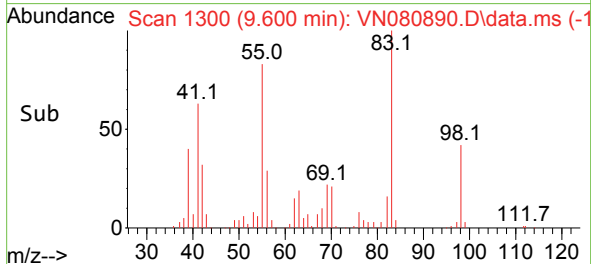
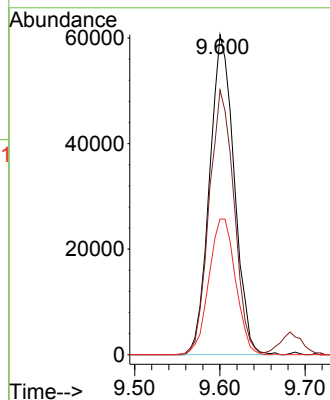
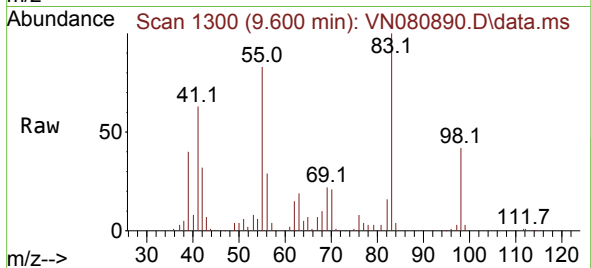
Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.7	98.5
98	42.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#40

Benzene

Concen: 52.551 ug/l

RT: 8.606 min Scan# 1131

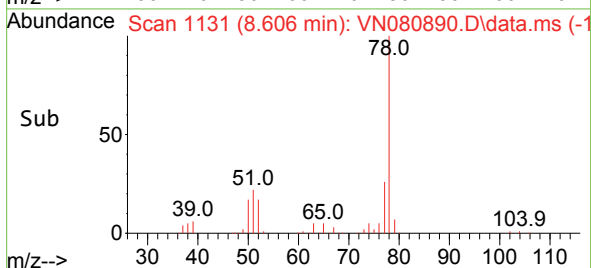
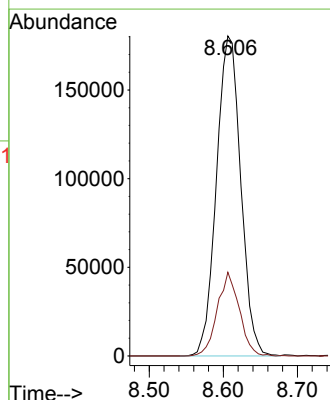
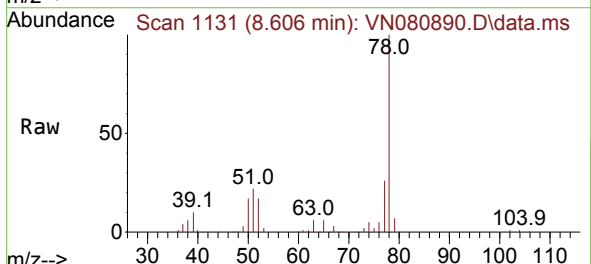
Delta R.T. 0.000 min

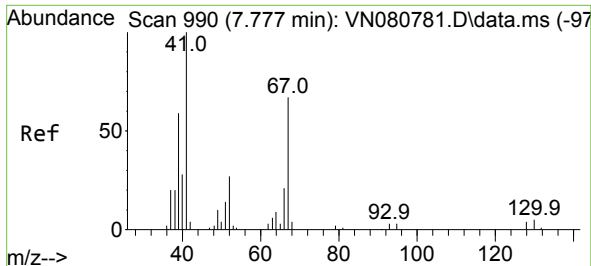
Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Tgt Ion: 78 Resp: 411030

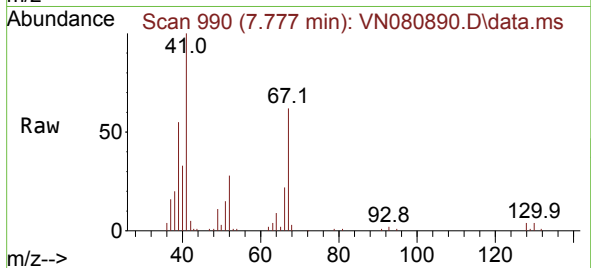
Ion	Ratio	Lower	Upper
78	100		
77	26.2	20.4	30.6





#41
Methacrylonitrile
Concen: 49.477 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

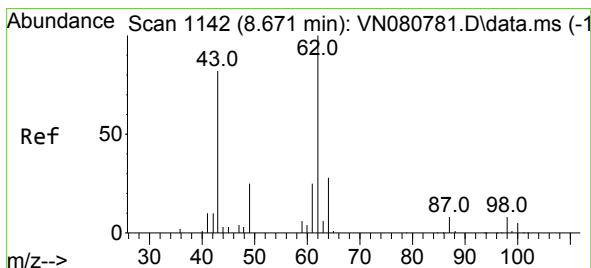
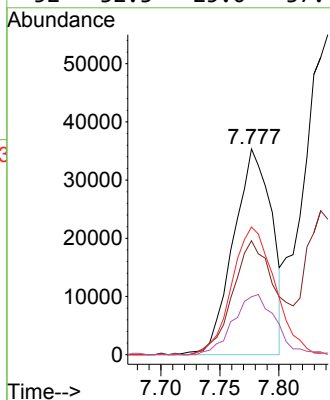
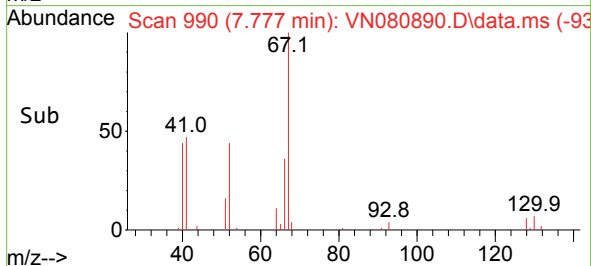
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 79889
Ion Ratio Lower Upper
41 100
39 64.0 48.4 72.6
67 69.6 56.8 85.2
52 32.3 25.0 37.4

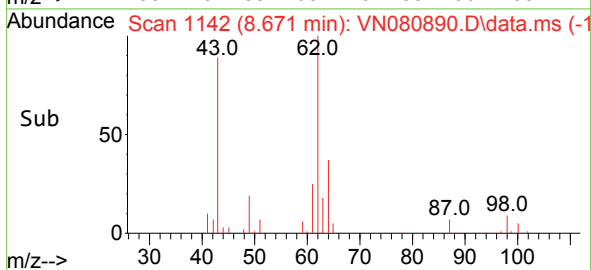
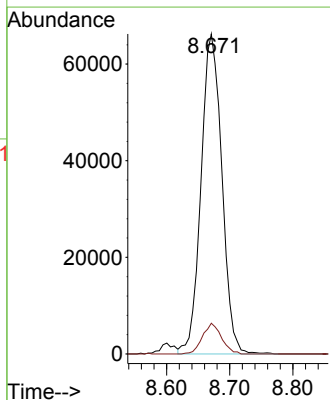
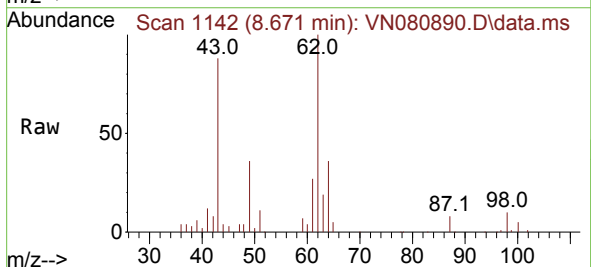
Manual Integrations
APPROVED

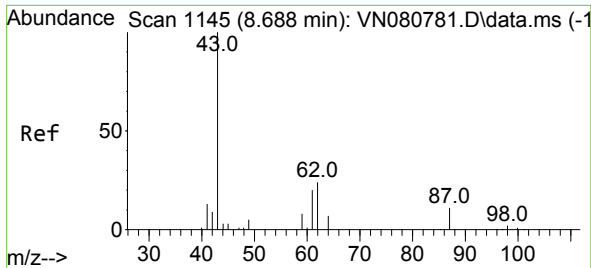
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#42
1,2-Dichloroethane
Concen: 59.615 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

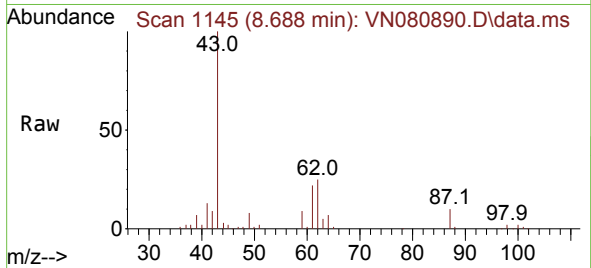
Tgt Ion: 62 Resp: 151911
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 58.221 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

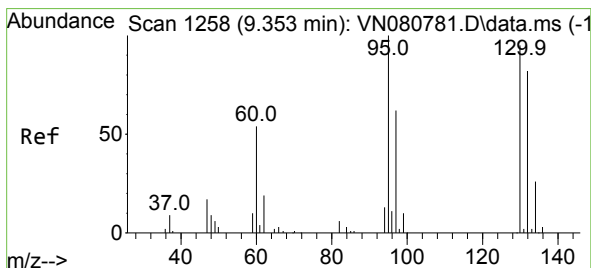
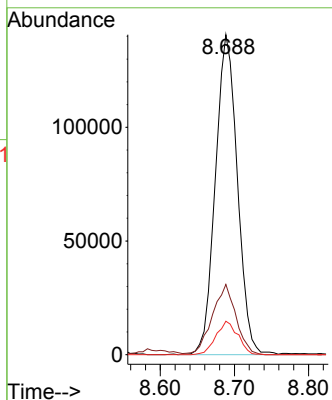
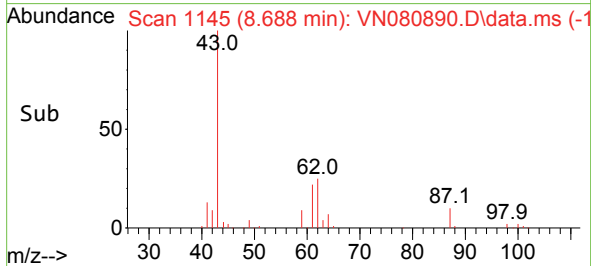
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 290390
Ion Ratio Lower Upper
43 100
61 23.7 19.9 29.9
87 10.4 9.0 13.6

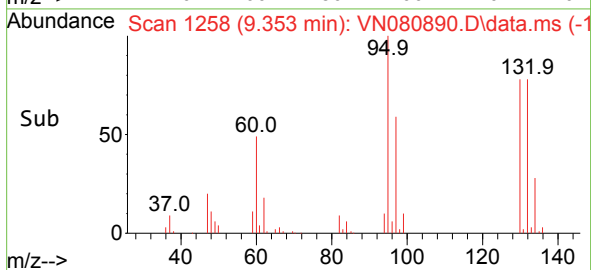
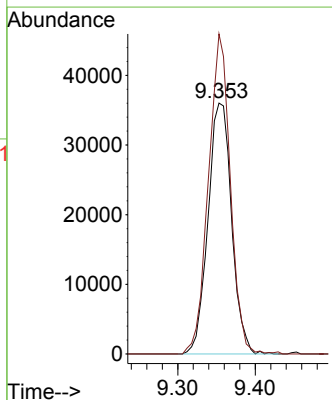
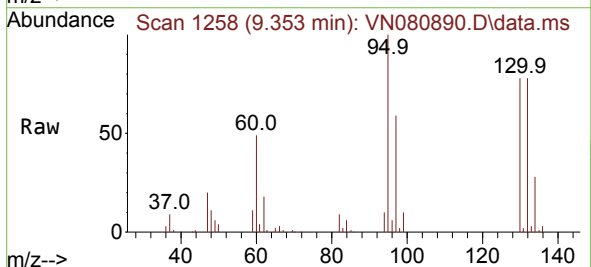
Manual Integrations
APPROVED

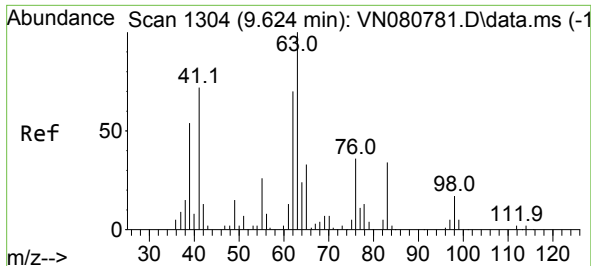
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#44
Trichloroethene
Concen: 44.385 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

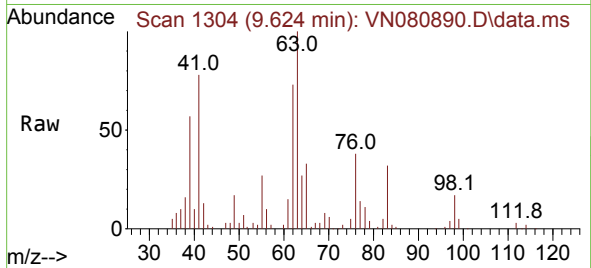
Tgt Ion:130 Resp: 76465
Ion Ratio Lower Upper
130 100
95 127.6 0.0 210.4





#45
1,2-Dichloropropane
Concen: 51.464 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

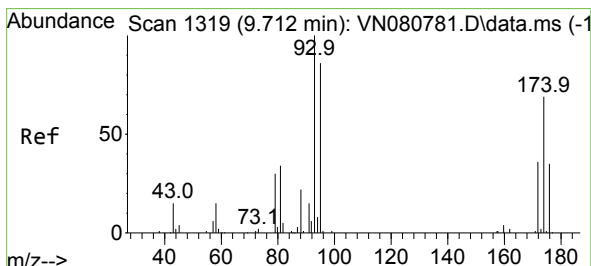
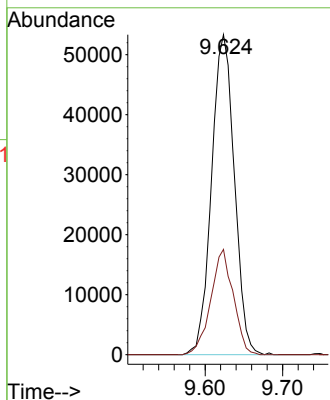
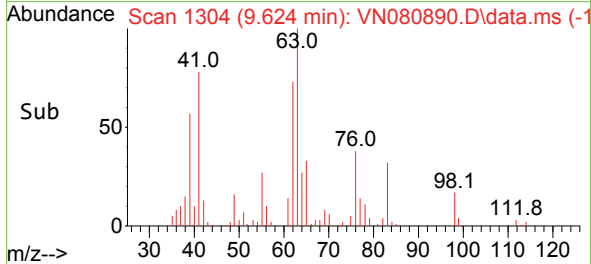
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 10893
Ion Ratio Lower Upper
63 100
65 32.9 26.1 39.1

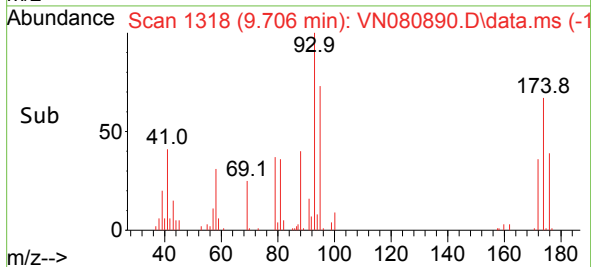
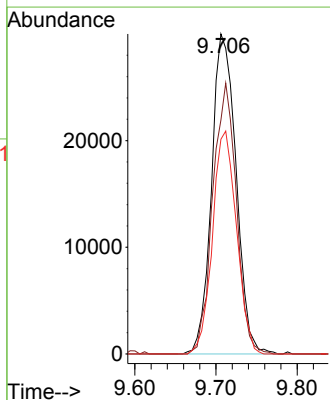
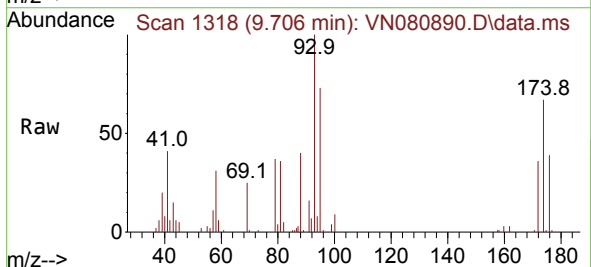
Manual Integrations
APPROVED

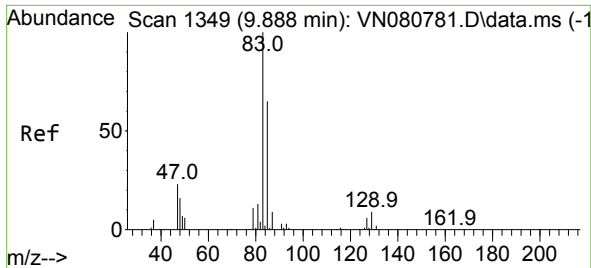
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#46
Dibromomethane
Concen: 50.169 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

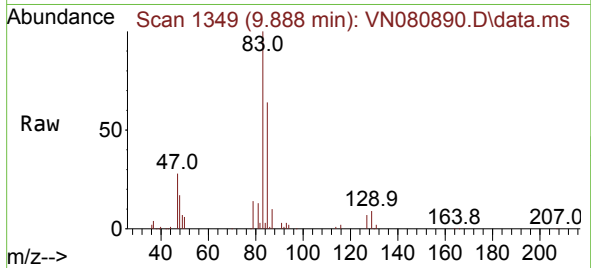
Tgt Ion: 93 Resp: 62952
Ion Ratio Lower Upper
93 100
95 81.5 68.1 102.1
174 68.3 57.2 85.8





#47
Bromodichloromethane
Concen: 49.730 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

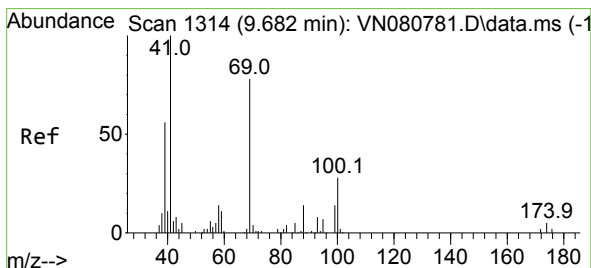
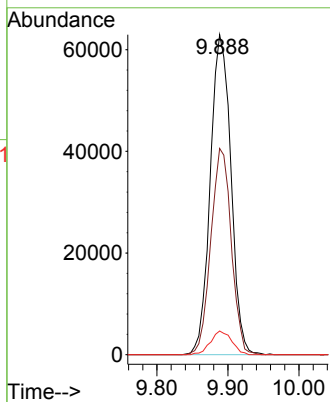
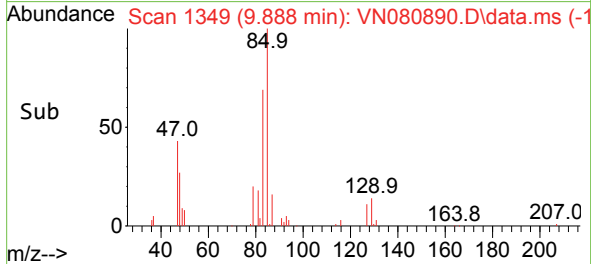
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126689
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5
127 7.4 4.6 7.0

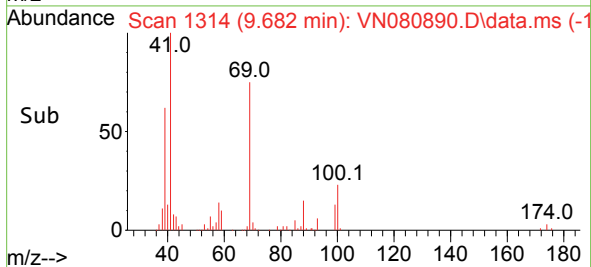
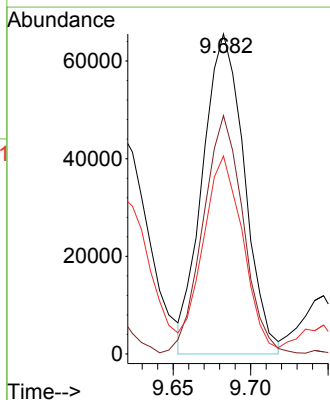
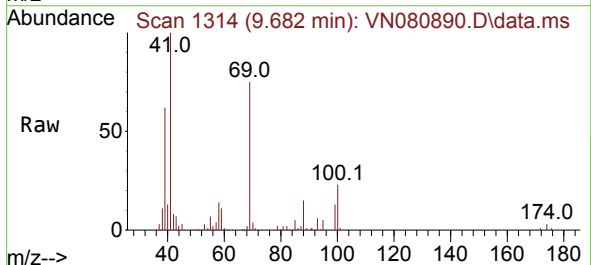
Manual Integrations
APPROVED

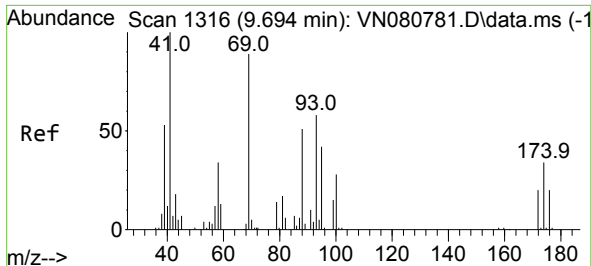
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#48
Methyl methacrylate
Concen: 50.810 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion: 41 Resp: 122861
Ion Ratio Lower Upper
41 100
69 71.4 62.2 93.2
39 59.1 47.6 71.4





#49

1,4-Dioxane

Concen: 1117.779 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3255

Ion Ratio Lower Upper

88 100

43 34.2 30.1 45.1

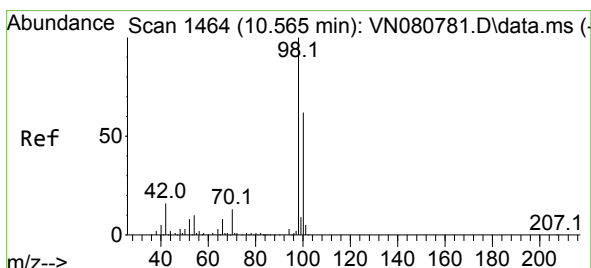
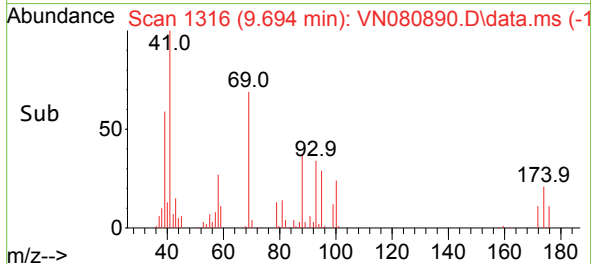
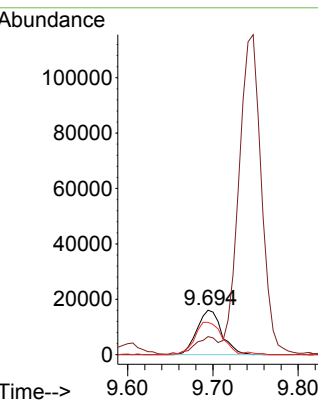
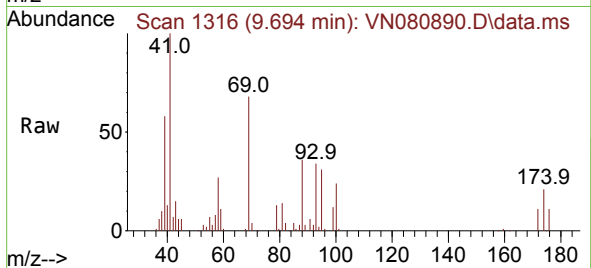
58 80.3 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#50

Toluene-d8

Concen: 50.992 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080890.D

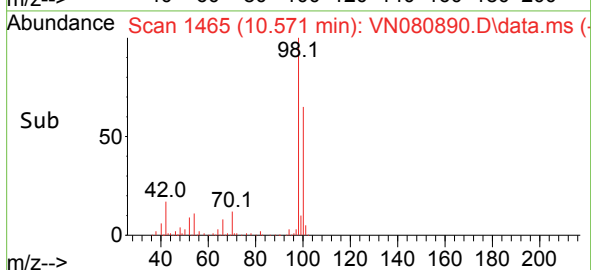
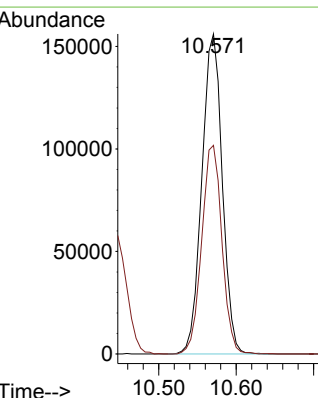
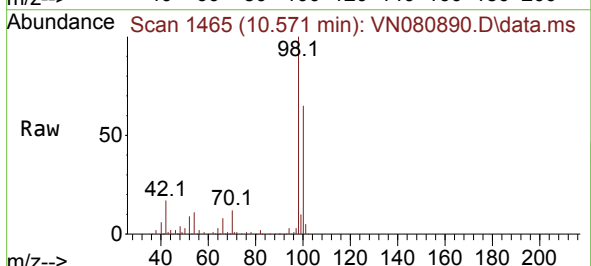
Acq: 02 Feb 2024 21:51

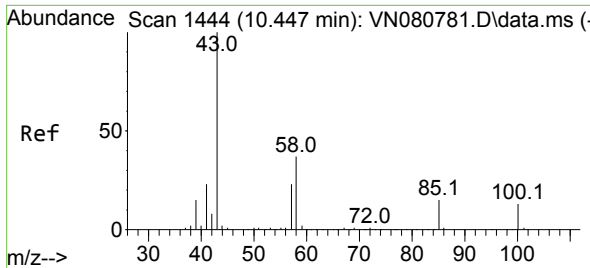
Tgt Ion: 98 Resp: 285755

Ion Ratio Lower Upper

98 100

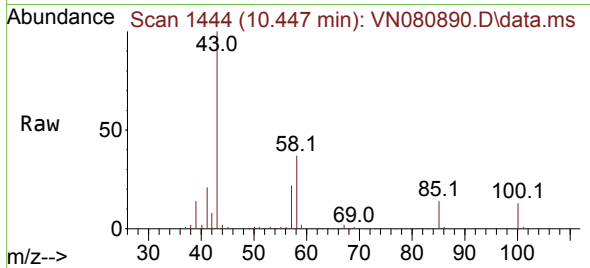
100 64.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 285.715 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

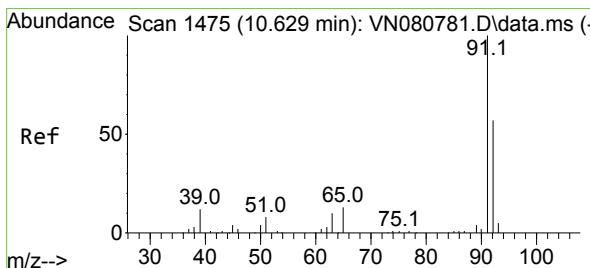
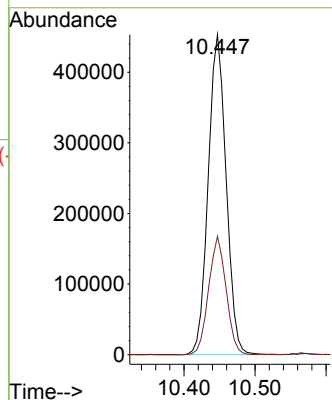
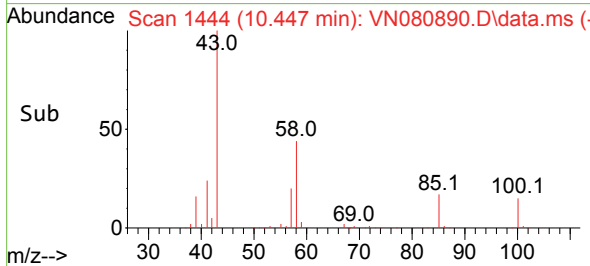
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 796650
Ion Ratio Lower Upper
43 100
58 36.1 29.4 44.0

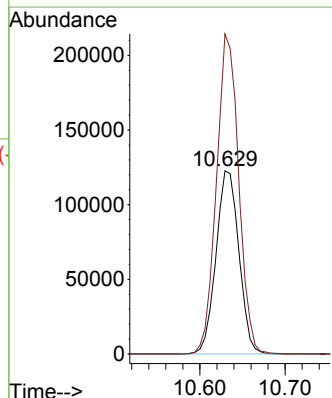
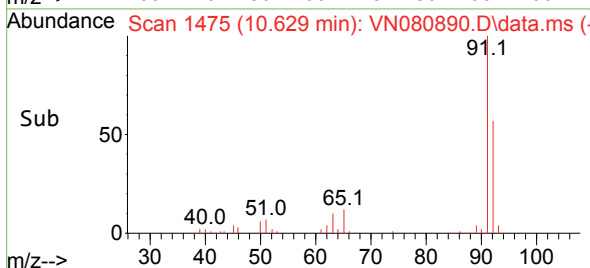
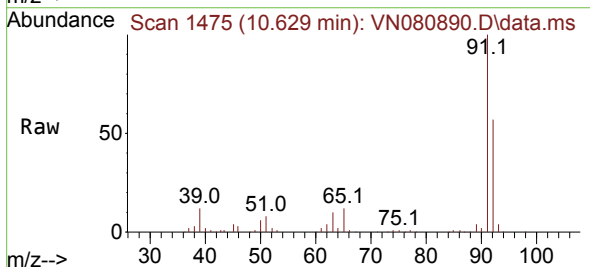
Manual Integrations
APPROVED

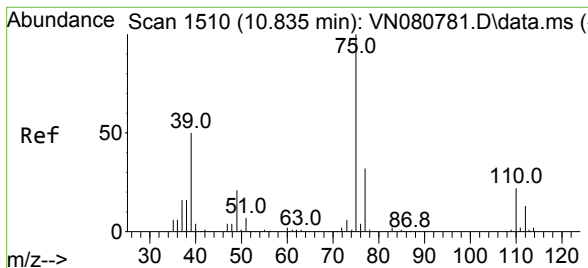
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#52
Toluene
Concen: 51.080 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

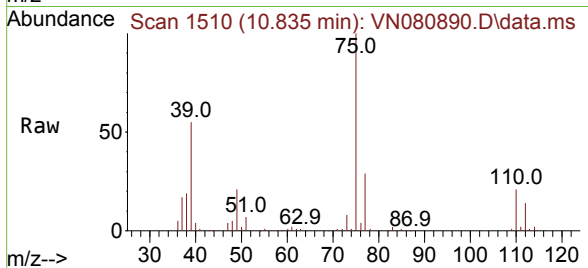
Tgt Ion: 92 Resp: 229076
Ion Ratio Lower Upper
92 100
91 169.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 48.147 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

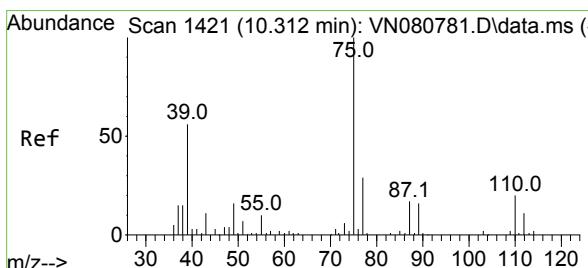
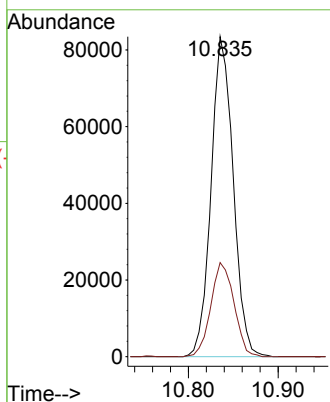
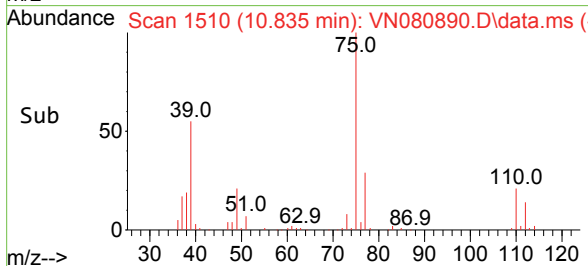
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



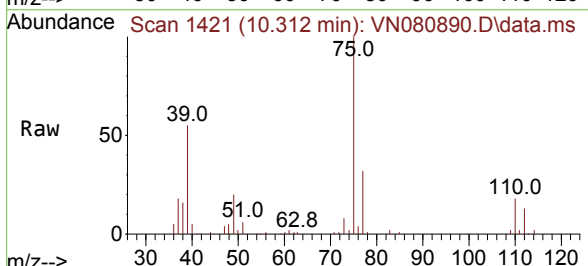
Tgt Ion: 75 Resp: 14289
Ion Ratio Lower Upper
75 100
77 29.4 25.5 38.3

Manual Integrations
APPROVED

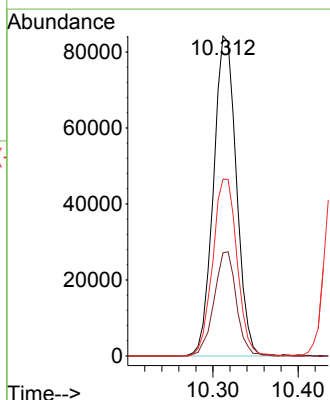
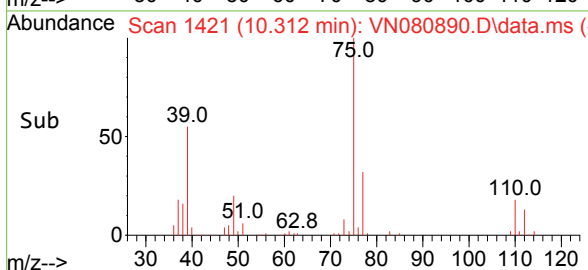
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

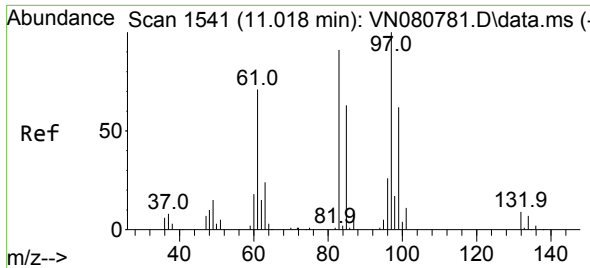


#54
cis-1,3-Dichloropropene
Concen: 48.729 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



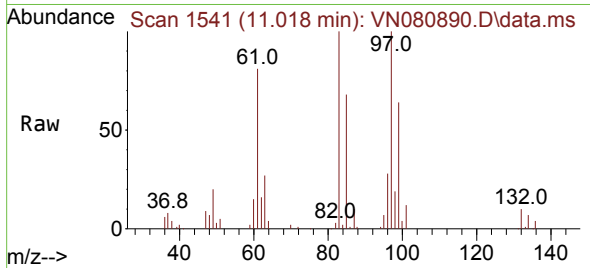
Tgt Ion: 75 Resp: 157264
Ion Ratio Lower Upper
75 100
77 32.2 23.3 34.9
39 54.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.475 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

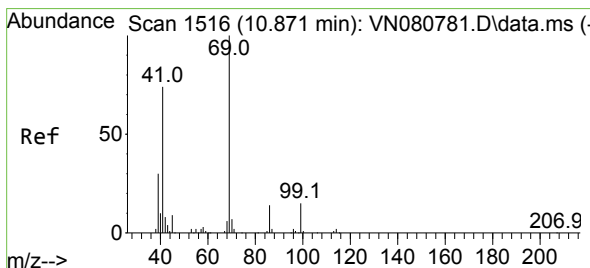
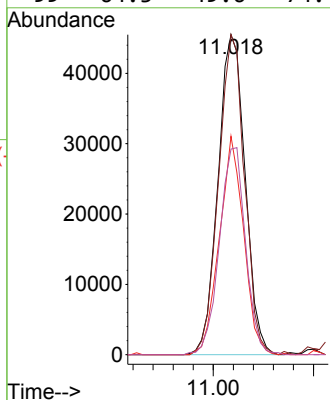
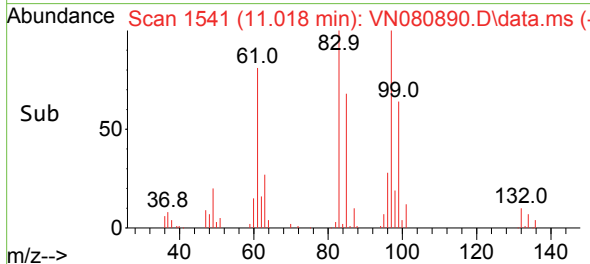
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



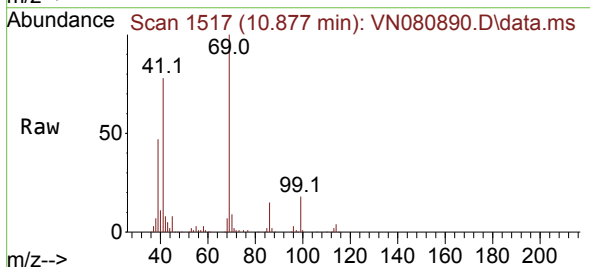
Tgt Ion:	97	Resp:	85270
Ion	Ratio	Lower	Upper
97	100		
83	100.0	72.9	109.3
85	68.2	50.2	75.2
99	64.3	49.6	74.4

Manual Integrations
APPROVED

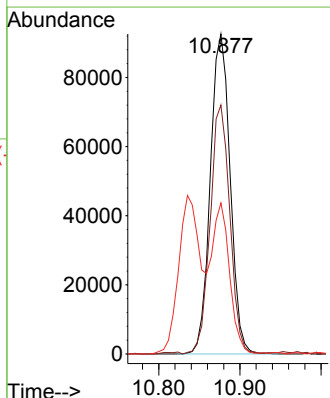
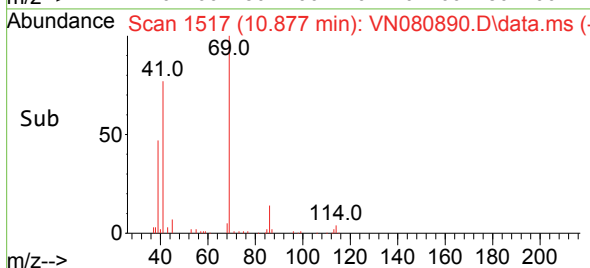
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

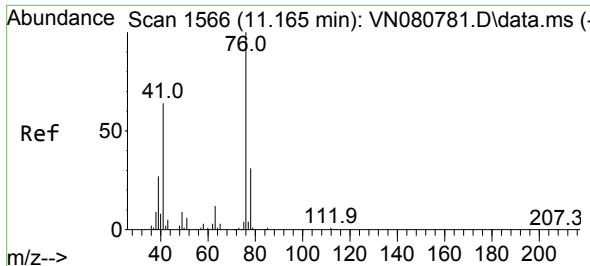


#56
Ethyl methacrylate
Concen: 59.229 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.005 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



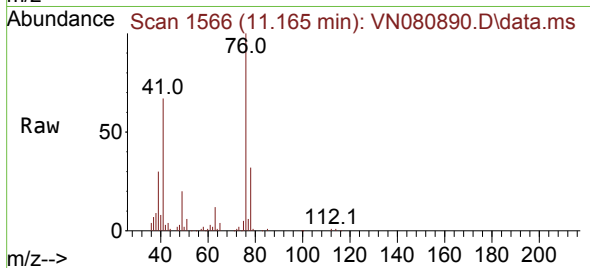
Tgt Ion:	69	Resp:	156927
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.0	91.6
39	40.9	31.8	47.6





#57
1,3-Dichloropropane
Concen: 51.152 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

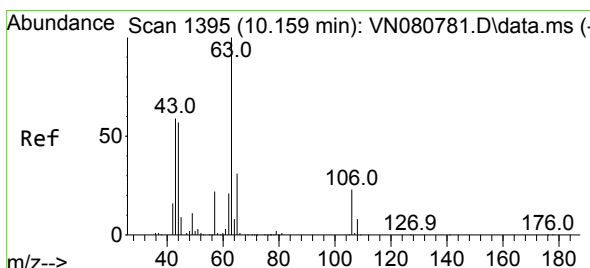
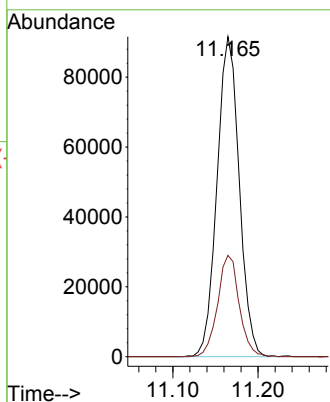
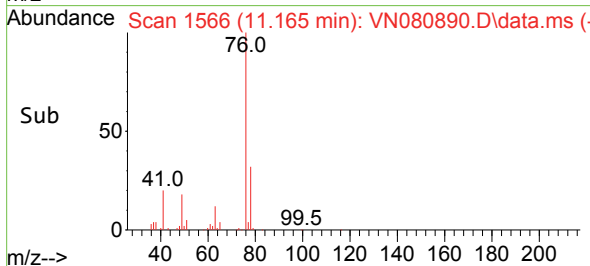
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 165917
Ion Ratio Lower Upper
76 100
78 30.8 25.5 38.3

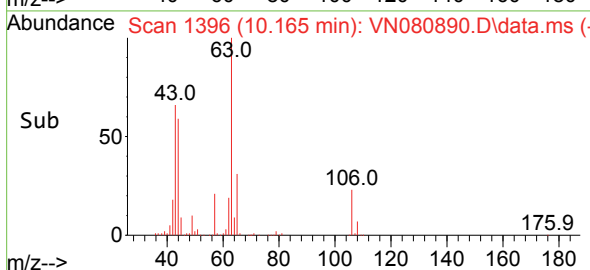
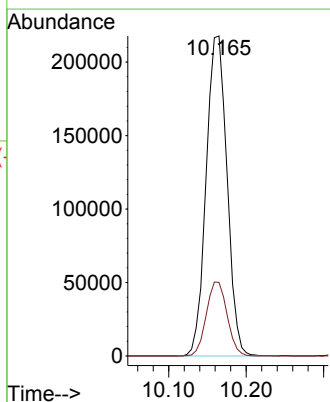
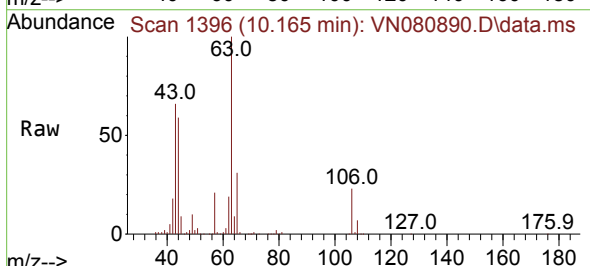
Manual Integrations
APPROVED

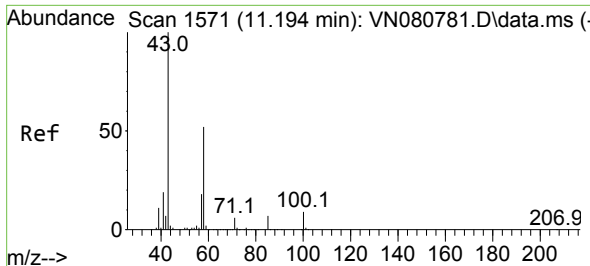
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 263.796 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

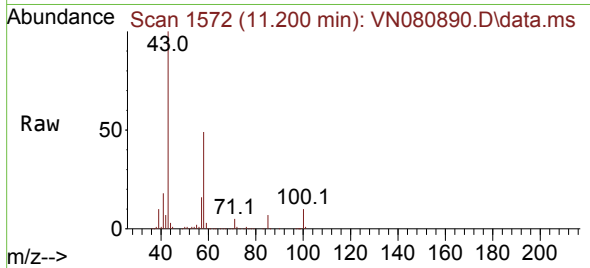
Tgt Ion: 63 Resp: 407445
Ion Ratio Lower Upper
63 100
106 23.0 18.6 28.0





#59
2-Hexanone
Concen: 275.134 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

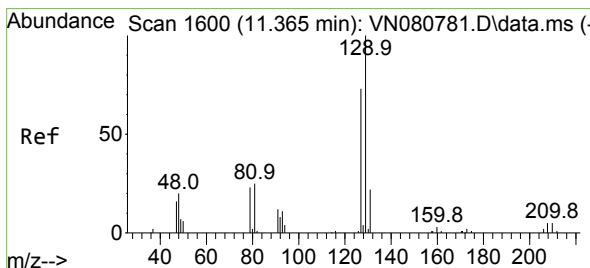
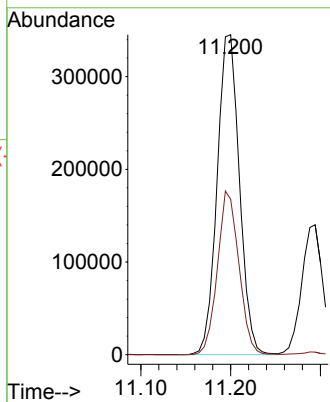
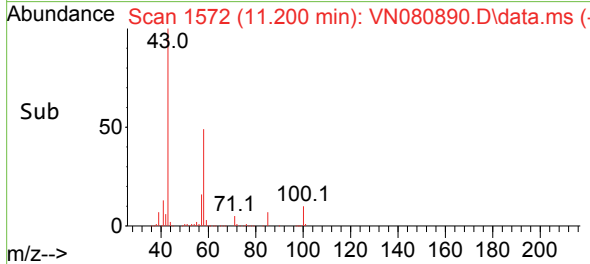
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 595890
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8

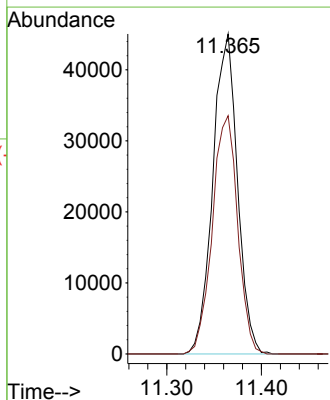
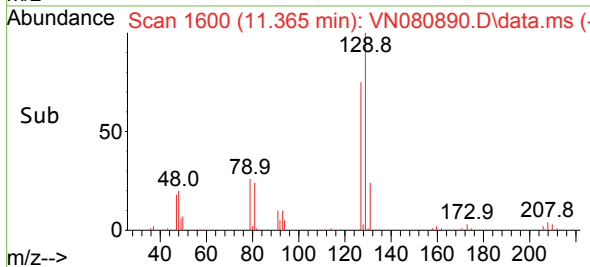
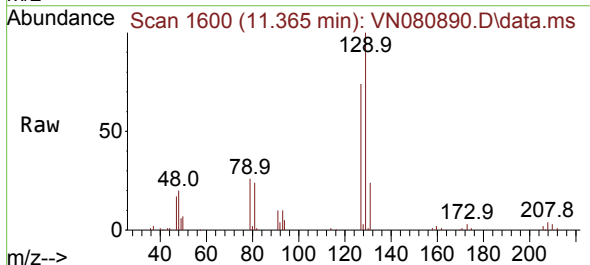
Manual Integrations
APPROVED

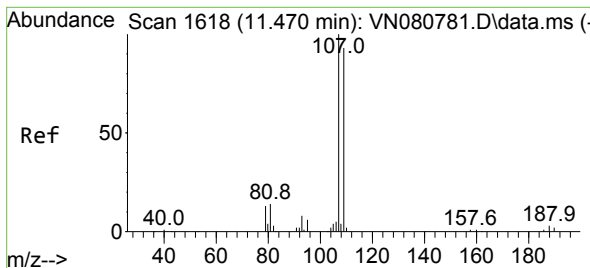
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#60
Dibromochloromethane
Concen: 50.797 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

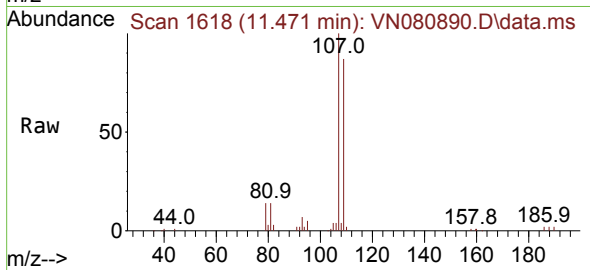
Tgt Ion:129 Resp: 81433
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.409 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

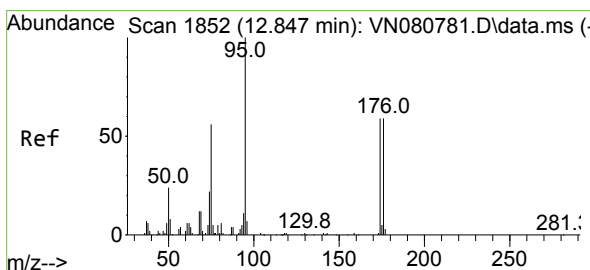
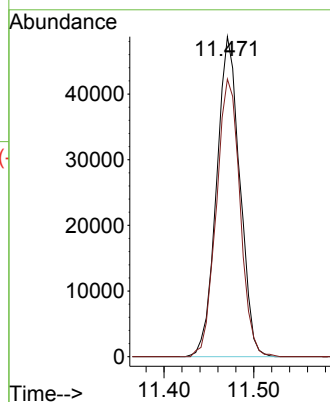
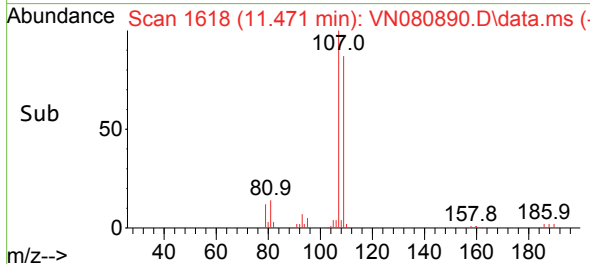
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 8788
Ion Ratio Lower Upper
107 100
109 88.1 73.4 110.2

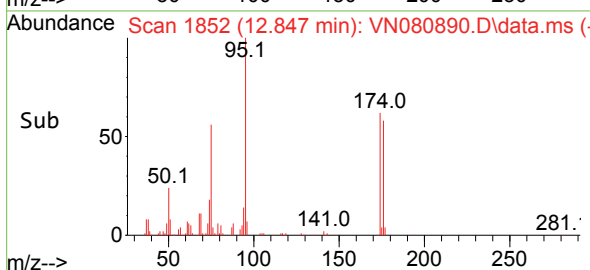
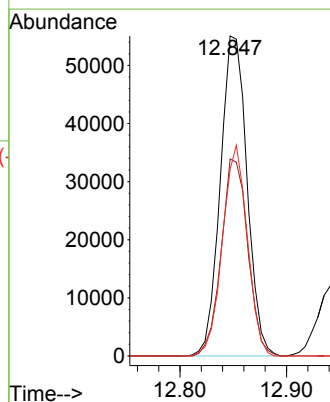
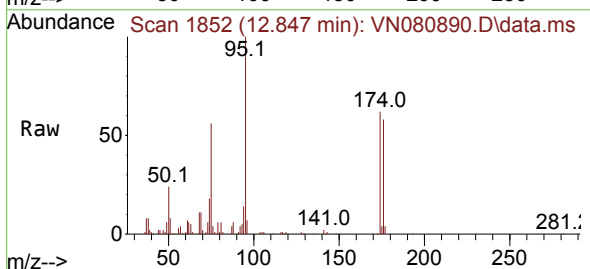
Manual Integrations
APPROVED

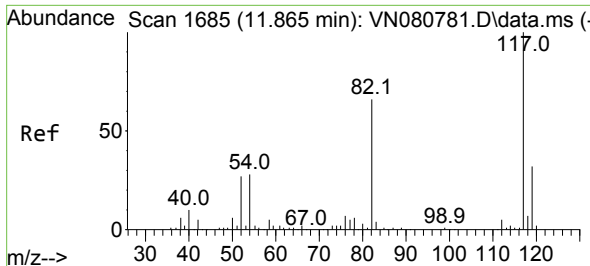
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#62
4-Bromofluorobenzene
Concen: 49.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

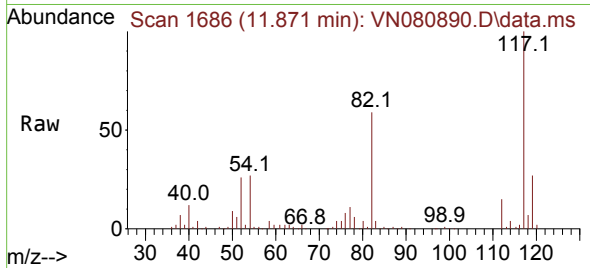
Tgt Ion: 95 Resp: 96015
Ion Ratio Lower Upper
95 100
174 61.2 0.0 120.4
176 61.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

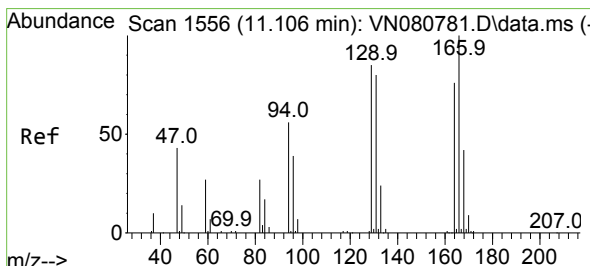
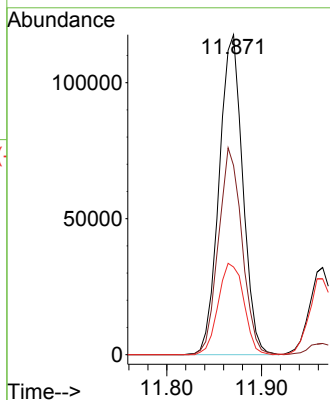
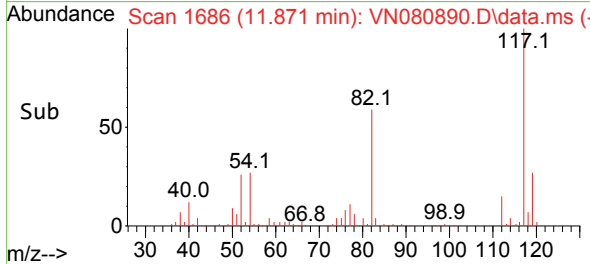
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20350
Ion Ratio Lower Upper
117 100
82 59.1 52.7 79.1
119 27.4 25.3 37.9

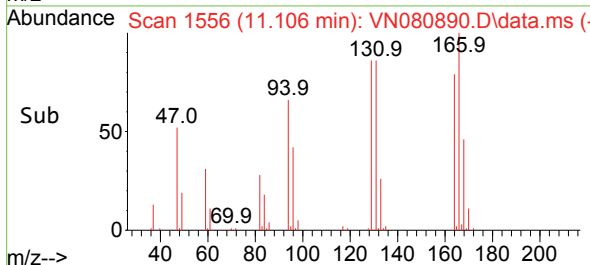
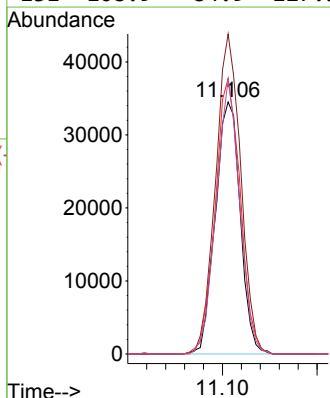
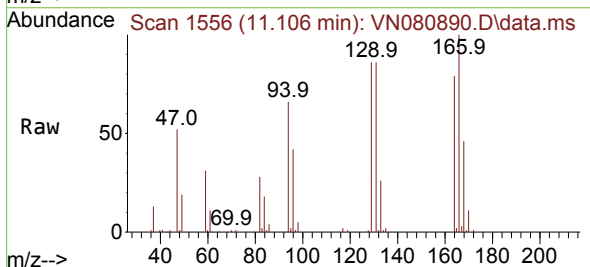
Manual Integrations
APPROVED

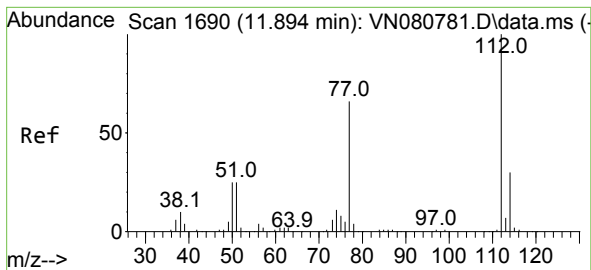
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#64
Tetrachloroethene
Concen: 47.018 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

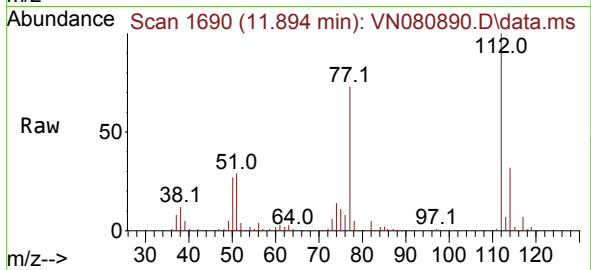
Tgt Ion:164 Resp: 62893
Ion Ratio Lower Upper
164 100
166 127.0 105.8 158.6
129 109.3 89.6 134.4
131 108.9 84.9 127.3





#65
Chlorobenzene
Concen: 47.265 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

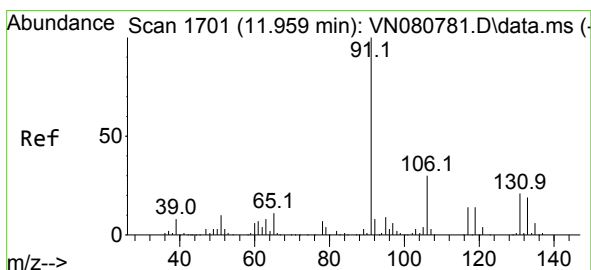
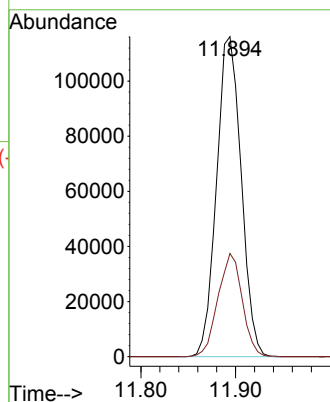
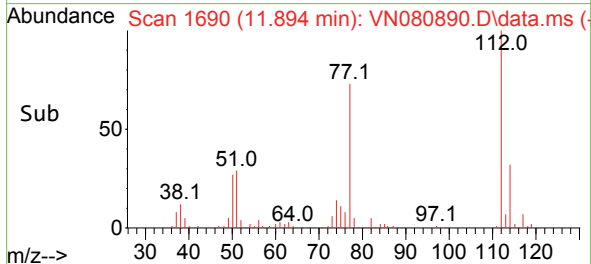
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



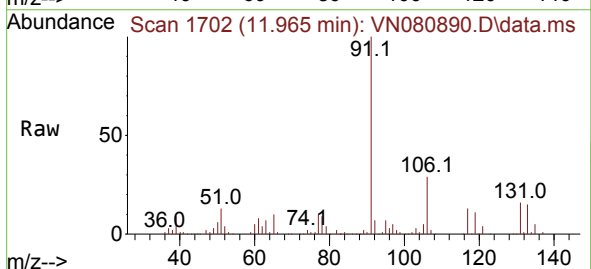
Tgt Ion:112 Resp: 20993
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5

Manual Integrations
APPROVED

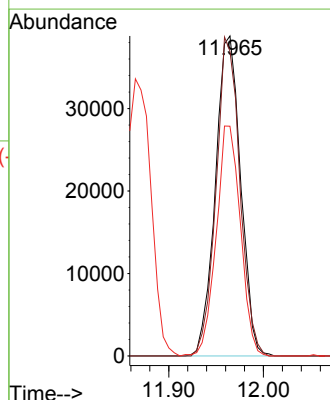
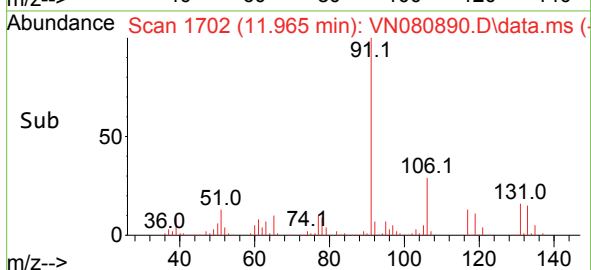
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

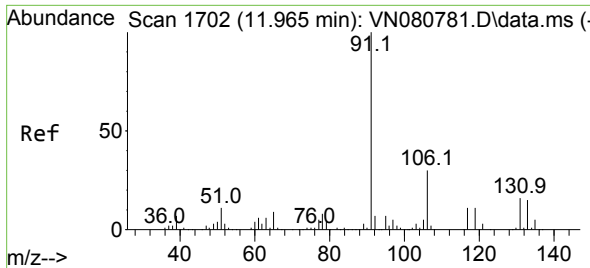


#66
1,1,1,2-Tetrachloroethane
Concen: 49.717 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



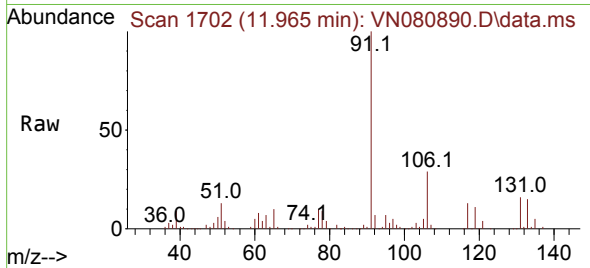
Tgt Ion:131 Resp: 71808
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 69.0 34.6 103.9





#67
Ethyl Benzene
Concen: 49.844 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

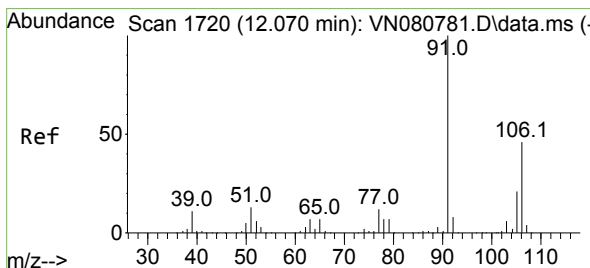
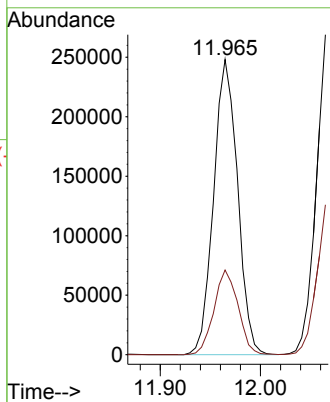
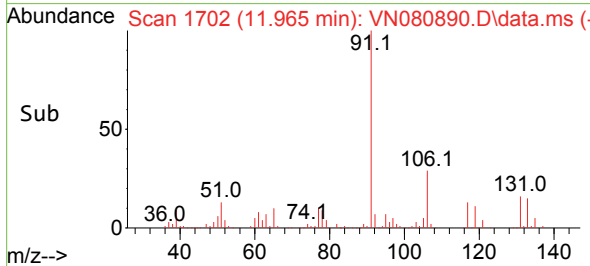
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



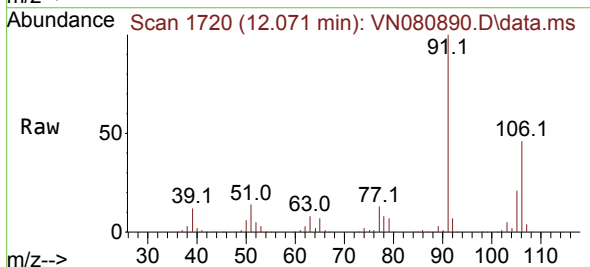
Tgt Ion: 91 Resp: 411468
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6

Manual Integrations
APPROVED

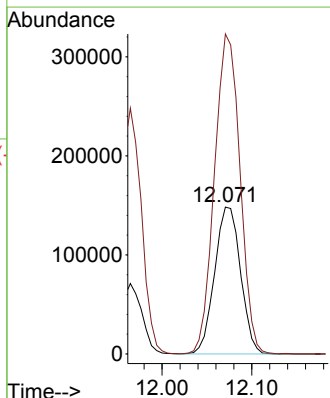
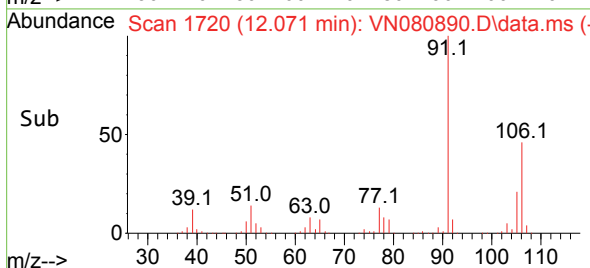
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

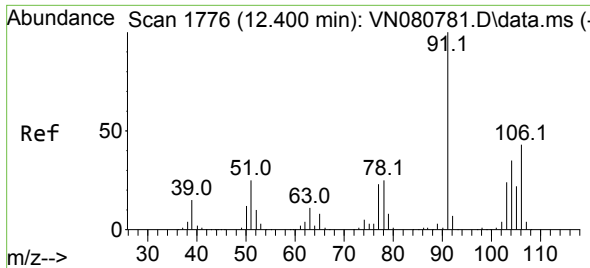


#68
m/p-Xylenes
Concen: 101.491 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



Tgt Ion:106 Resp: 297538
Ion Ratio Lower Upper
106 100
91 215.0 169.0 253.6





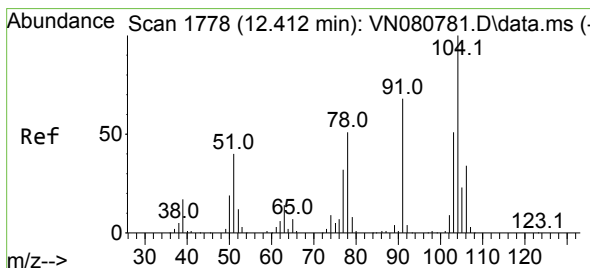
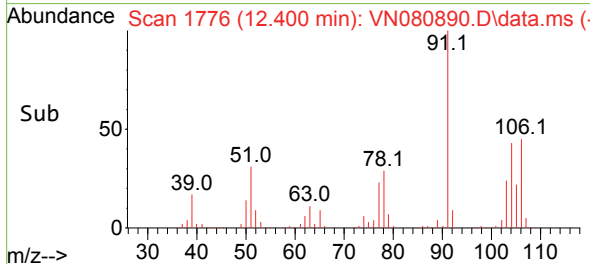
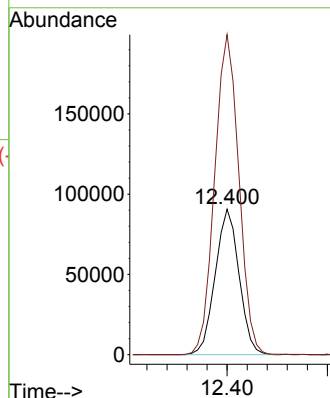
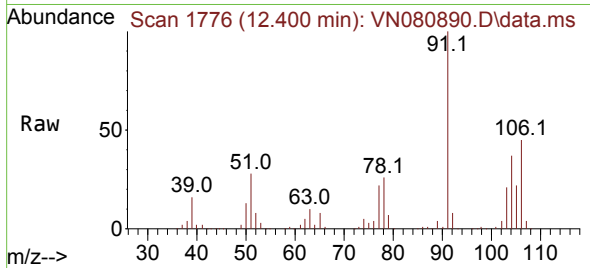
#69
o-Xylene
Concen: 51.288 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14940
Ion Ratio Lower Upper
106 100
91 223.4 112.1 336.3

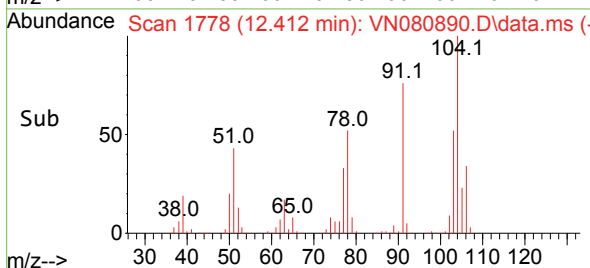
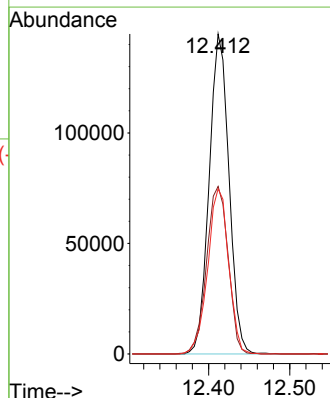
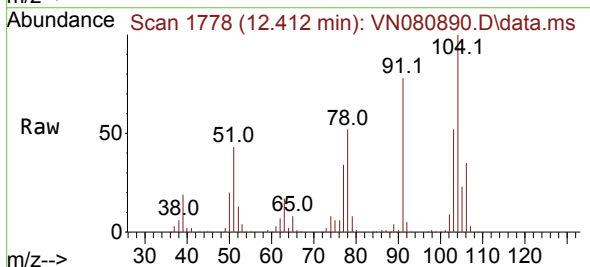
Manual Integrations
APPROVED

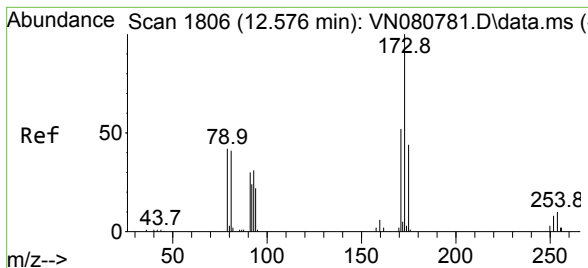
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#70
Styrene
Concen: 52.435 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

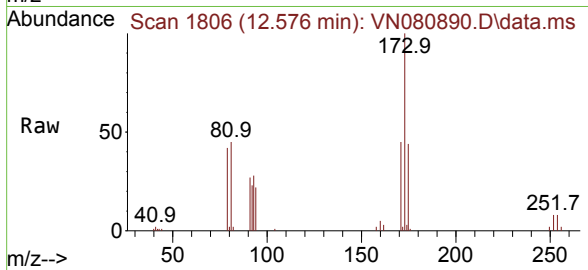
Tgt Ion:104 Resp: 245314
Ion Ratio Lower Upper
104 100
78 57.0 43.8 65.8
103 54.4 44.2 66.2





#71
Bromoform
Concen: 52.212 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

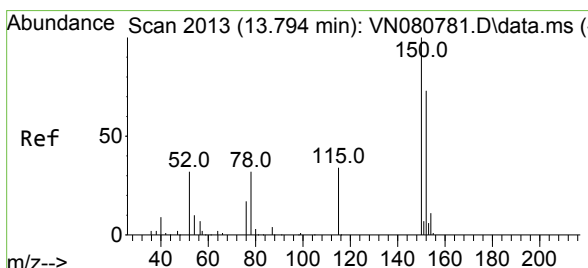
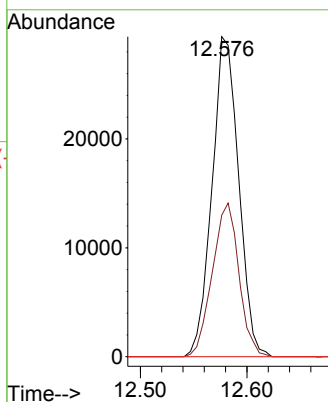
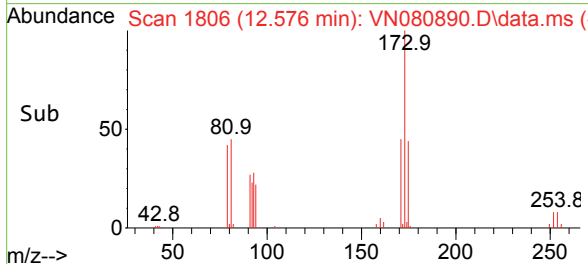
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 50989
Ion Ratio Lower Upper
173 100
175 47.9 23.1 69.2
254 0.0 0.0 0.0

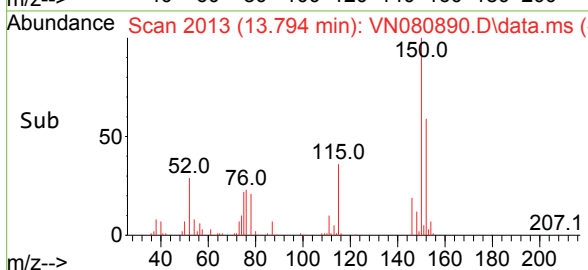
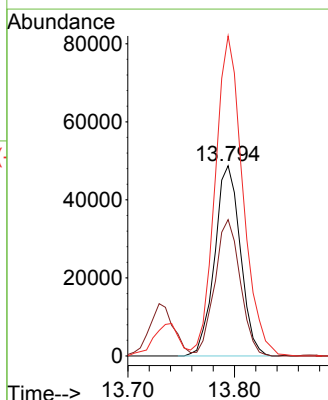
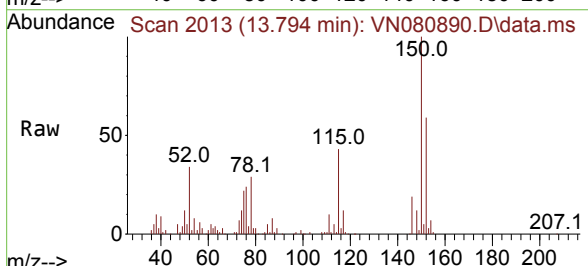
Manual Integrations
APPROVED

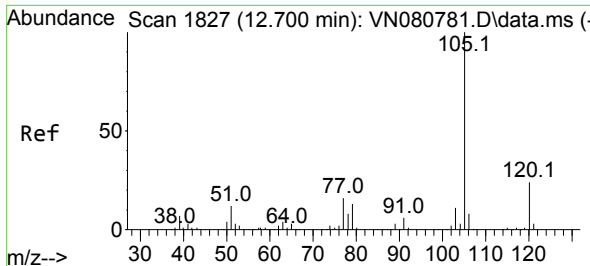
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Tgt Ion:152 Resp: 81529
Ion Ratio Lower Upper
152 100
115 71.3 32.3 96.8
150 181.1 0.0 339.8





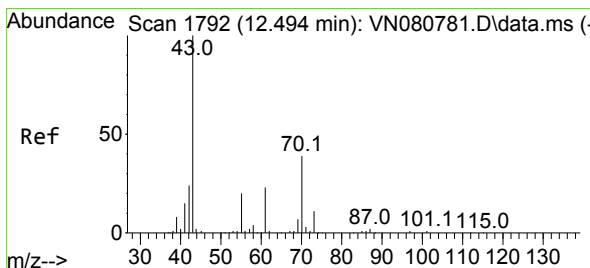
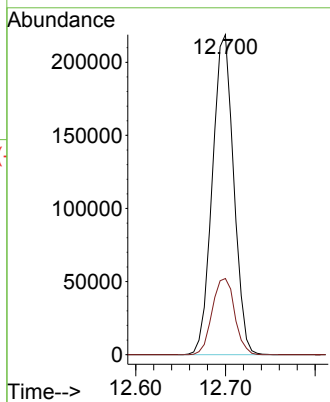
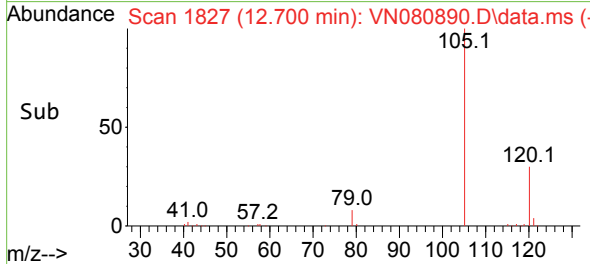
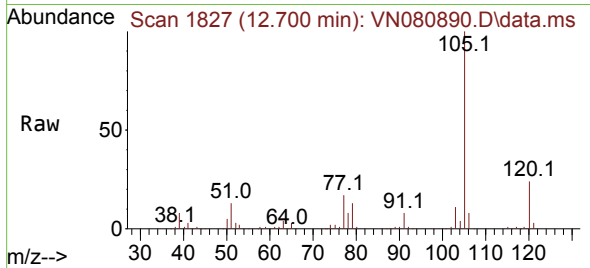
#73
Isopropylbenzene
Concen: 48.292 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 360550
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.6

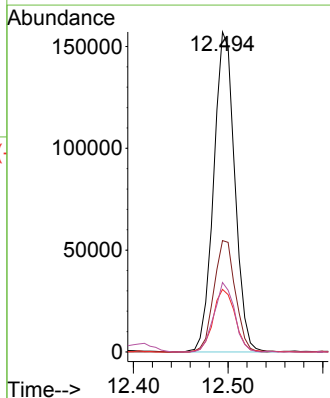
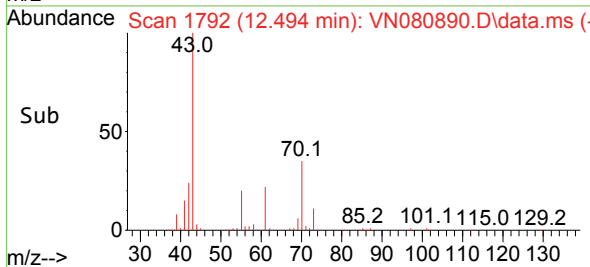
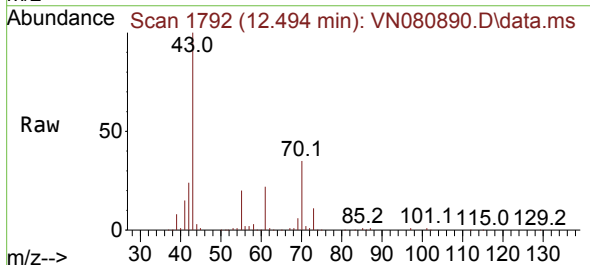
Manual Integrations
APPROVED

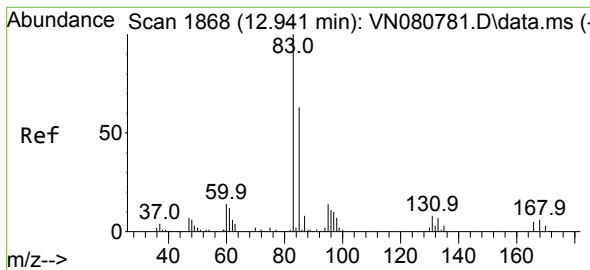
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#74
N-ethyl acetate
Concen: 52.403 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

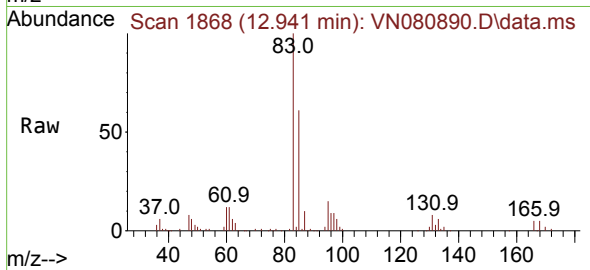
Tgt Ion: 43 Resp: 242912
Ion Ratio Lower Upper
43 100
70 35.3 30.1 45.1
55 20.6 17.0 25.4
61 21.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.352 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

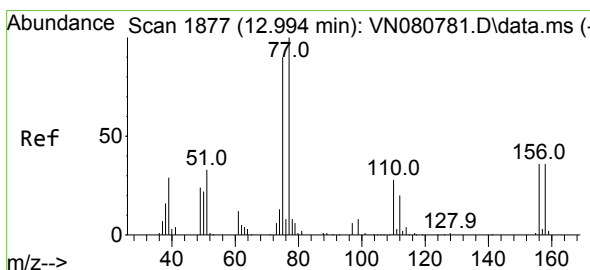
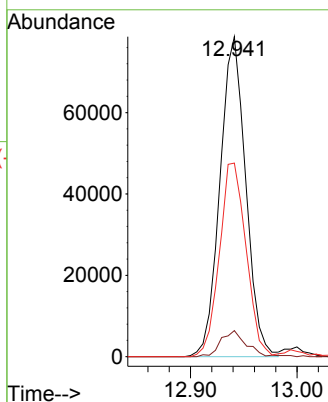
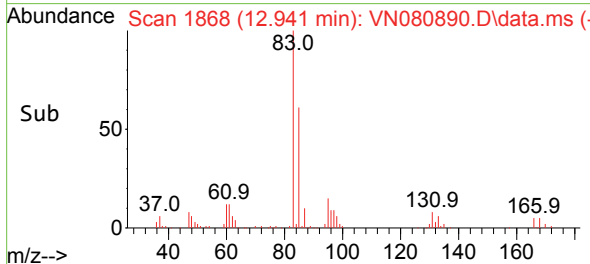
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 132239
Ion Ratio Lower Upper
83 100
131 8.2 4.1 12.3
85 62.6 32.1 96.3

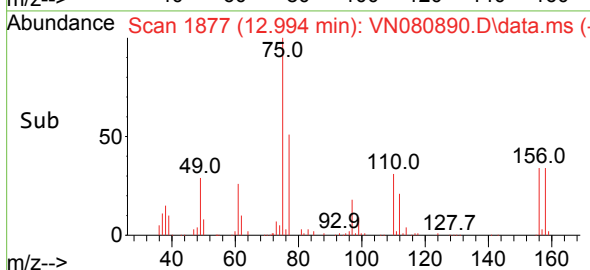
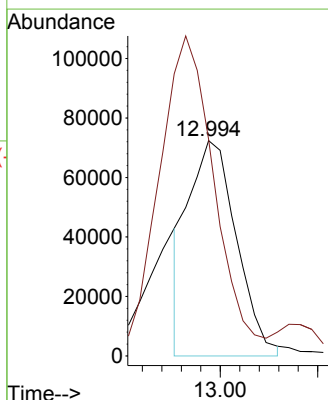
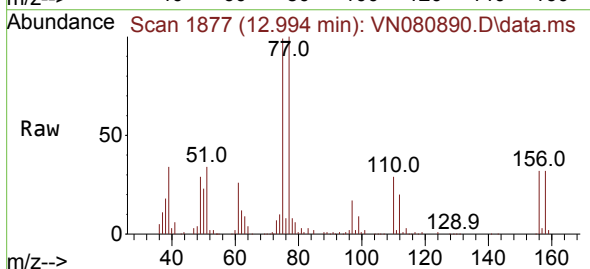
Manual Integrations
APPROVED

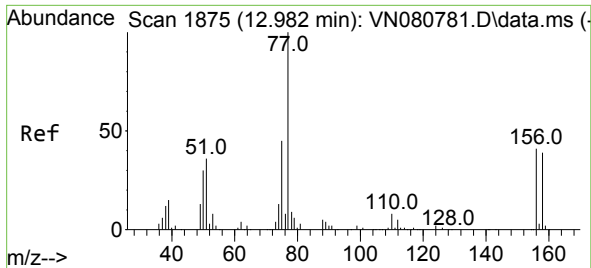
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#76
1,2,3-Trichloropropane
Concen: 50.286 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

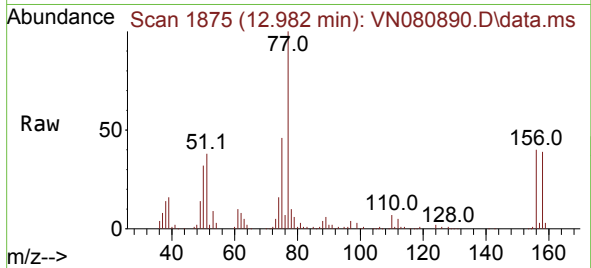
Tgt Ion: 75 Resp: 123650
Ion Ratio Lower Upper
75 100
77 173.1 91.0 272.8





#77
Bromobenzene
Concen: 45.170 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

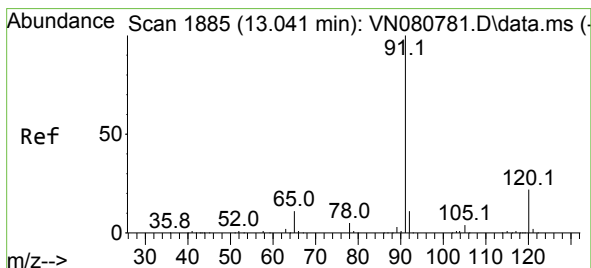
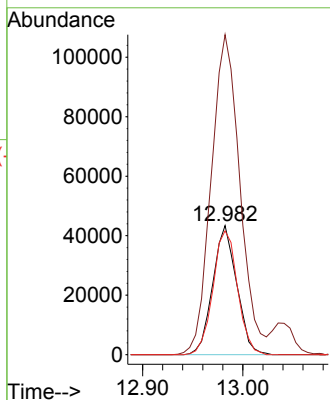
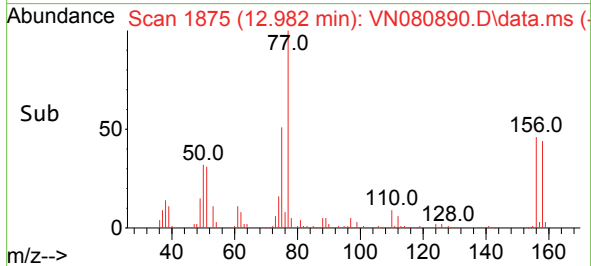
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



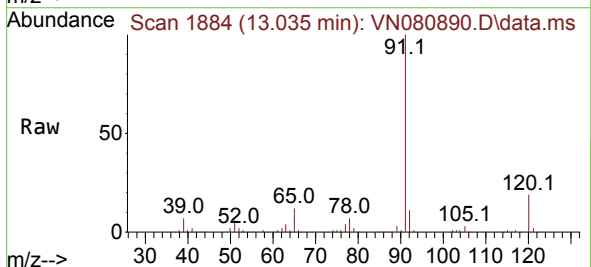
Tgt Ion:156 Resp: 72090
Ion Ratio Lower Upper
156 100
77 296.9 138.1 414.3
158 98.1 46.5 139.5

Manual Integrations
APPROVED

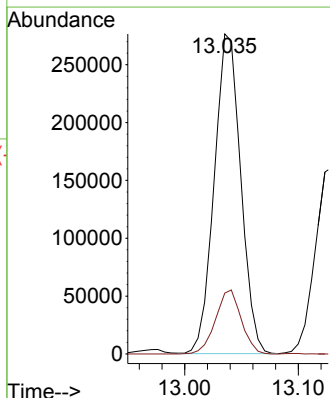
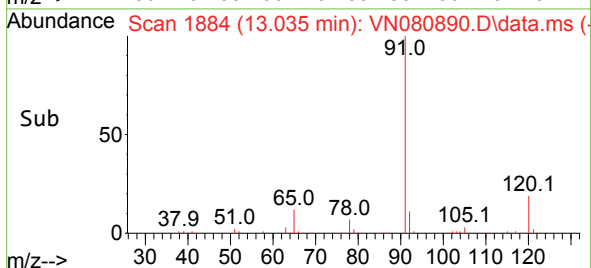
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

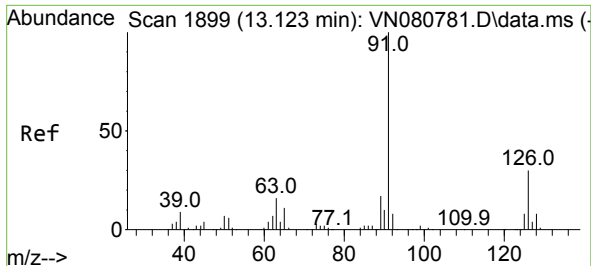


#78
n-propylbenzene
Concen: 50.289 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



Tgt Ion: 91 Resp: 448549
Ion Ratio Lower Upper
91 100
120 19.4 10.3 30.9





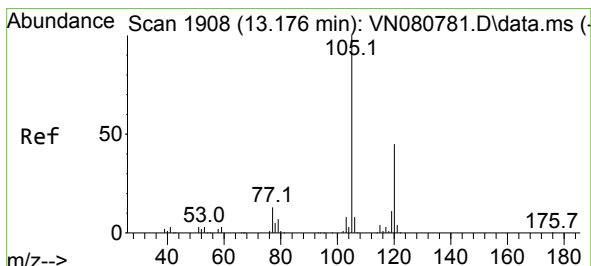
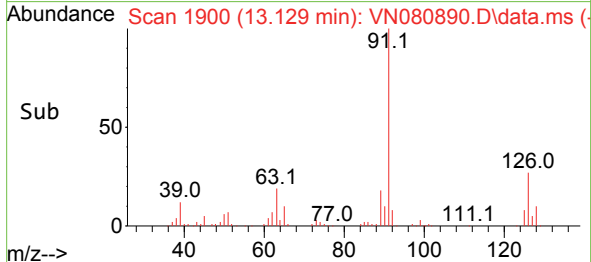
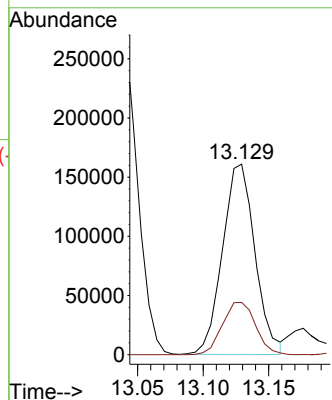
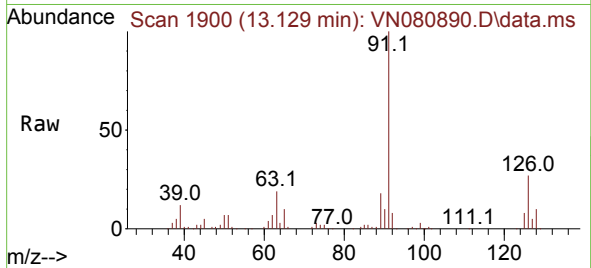
#79
2-Chlorotoluene
Concen: 48.951 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 277502
Ion Ratio Lower Upper
91 100
126 28.0 14.8 44.4

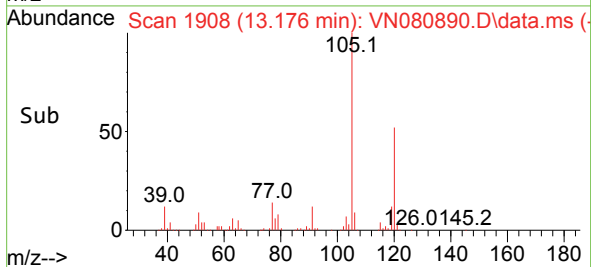
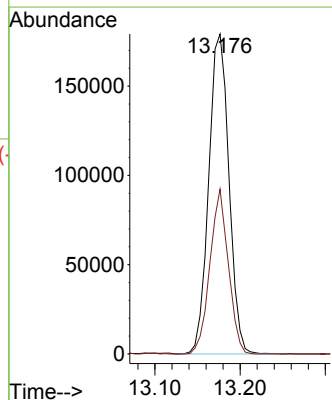
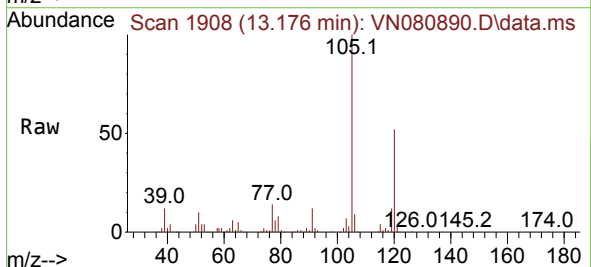
Manual Integrations
APPROVED

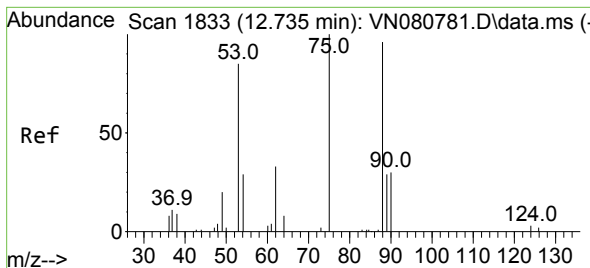
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.635 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

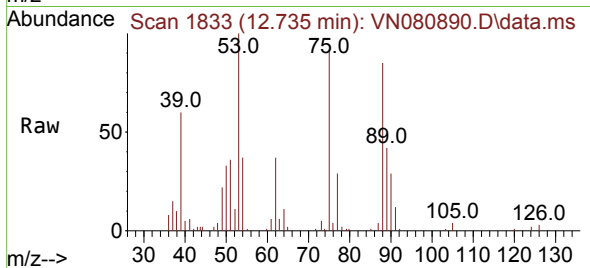
Tgt Ion:105 Resp: 295130
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.917 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

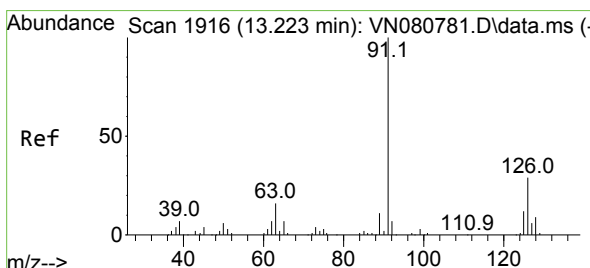
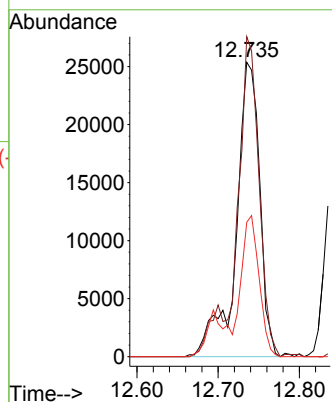
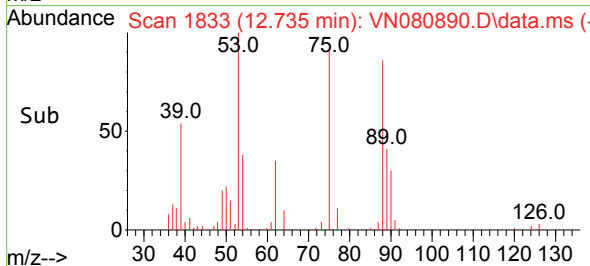
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



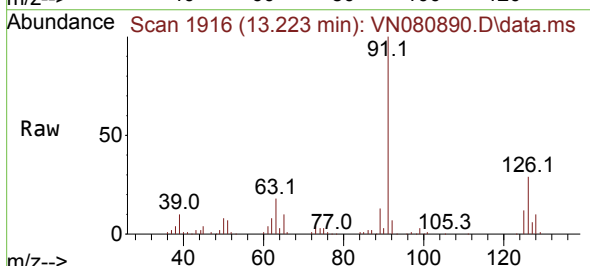
Tgt Ion: 75 Resp: 5146
Ion Ratio Lower Upper
75 100
53 89.7 71.4 107.2
89 35.9 33.4 50.0

Manual Integrations
APPROVED

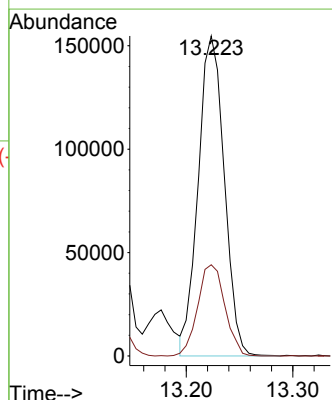
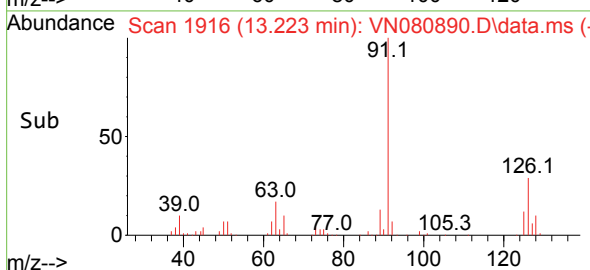
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

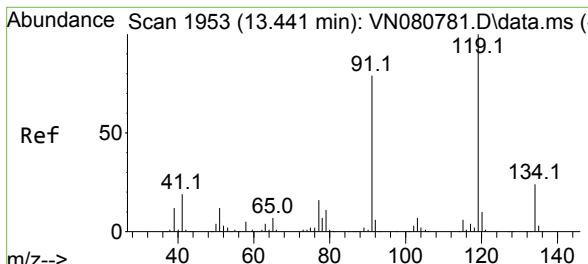


#82
4-Chlorotoluene
Concen: 46.833 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



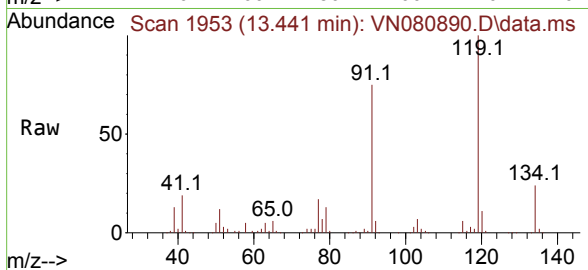
Tgt Ion: 91 Resp: 262890
Ion Ratio Lower Upper
91 100
126 29.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 49.085 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

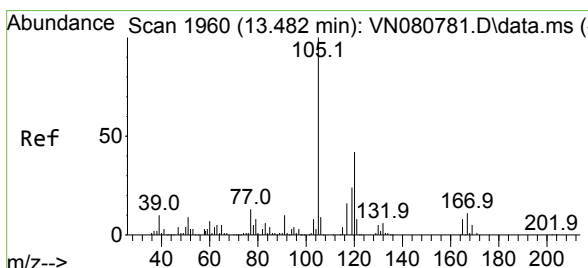
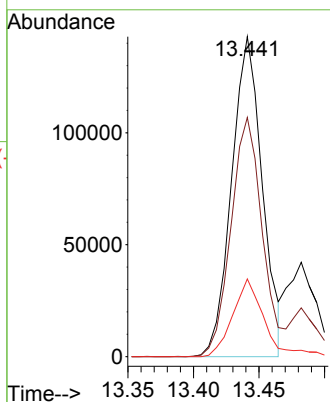
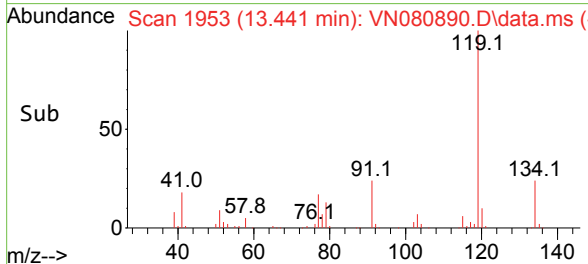
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



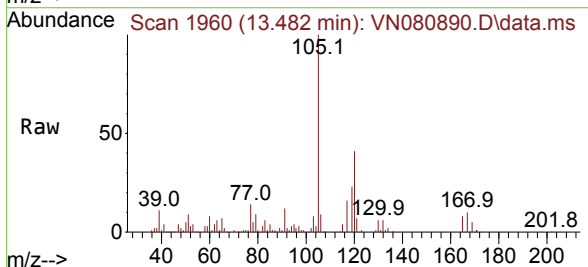
Tgt Ion:119 Resp: 233070
Ion Ratio Lower Upper
119 100
91 76.9 36.8 110.4
134 25.0 12.4 37.4

Manual Integrations
APPROVED

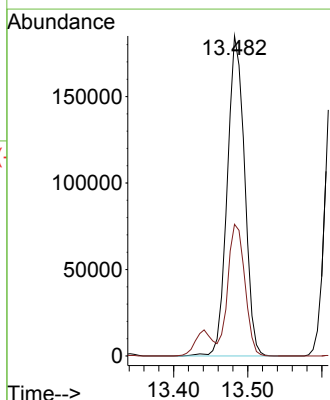
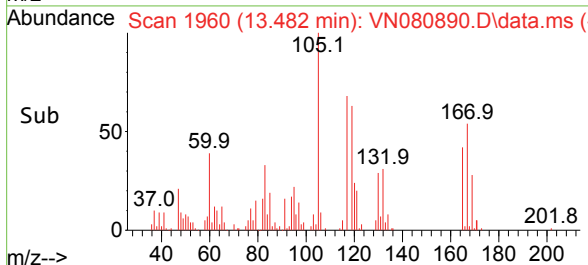
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

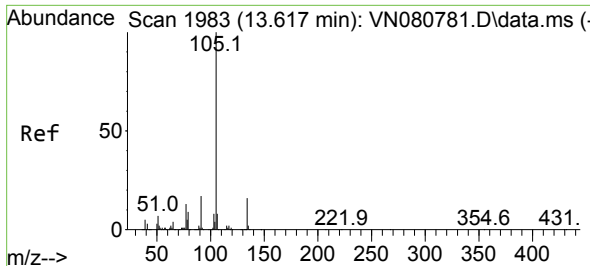


#84
1,2,4-Trimethylbenzene
Concen: 49.851 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



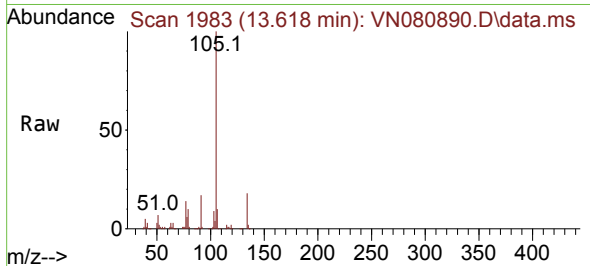
Tgt Ion:105 Resp: 300323
Ion Ratio Lower Upper
105 100
120 40.3 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 49.210 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

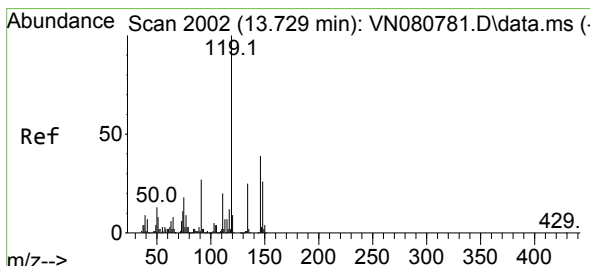
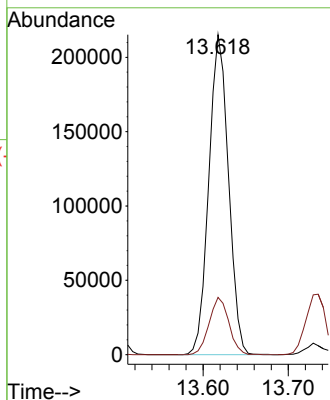
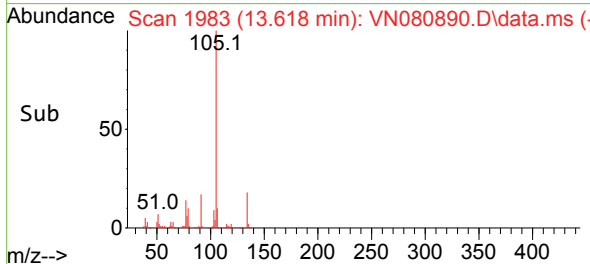
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 344488
 Ion Ratio Lower Upper
 105 100
 134 18.0 8.6 25.8

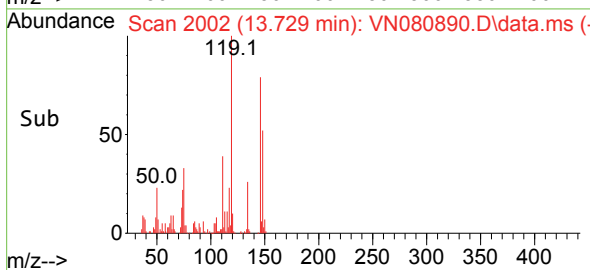
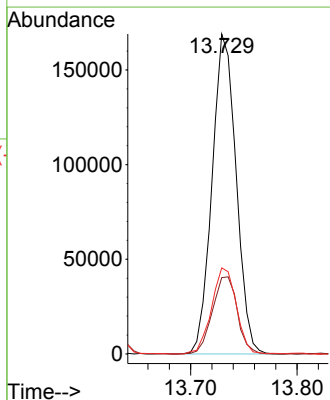
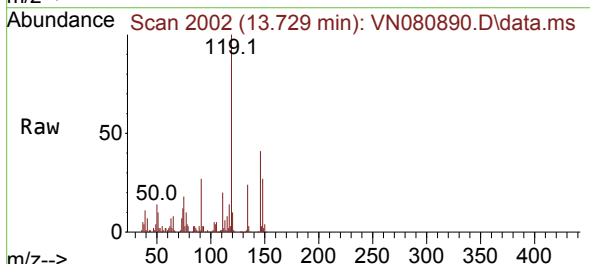
Manual Integrations
 APPROVED

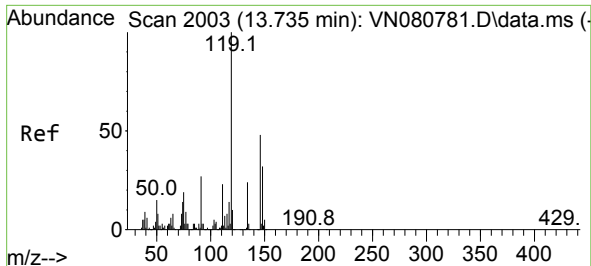
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024



#86
 p-Isopropyltoluene
 Concen: 48.681 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

Tgt Ion:119 Resp: 264830
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.2
 91 27.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 47.792 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 136432

Ion Ratio Lower Upper

146 100

111 47.8 23.9 71.7

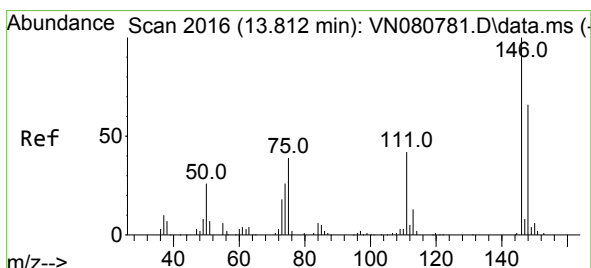
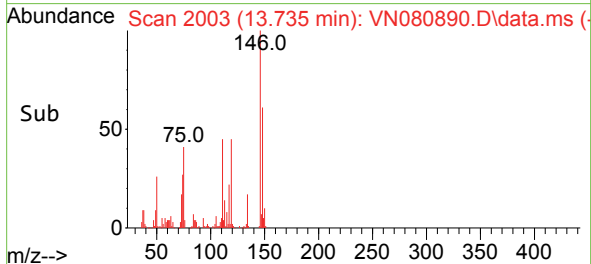
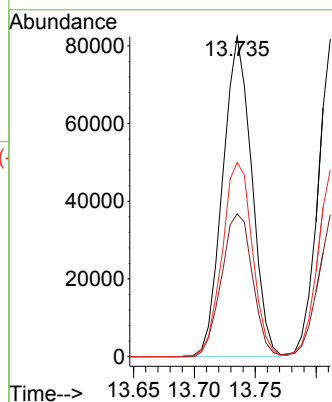
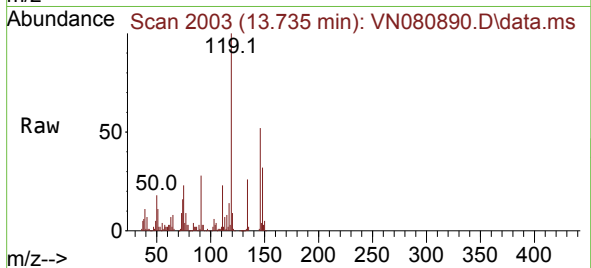
148 63.2 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#88

1,4-Dichlorobenzene

Concen: 47.986 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

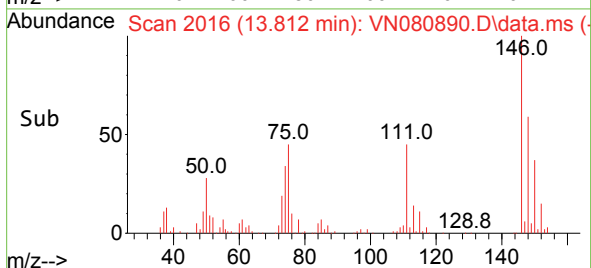
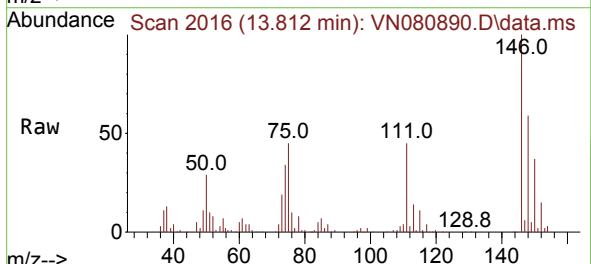
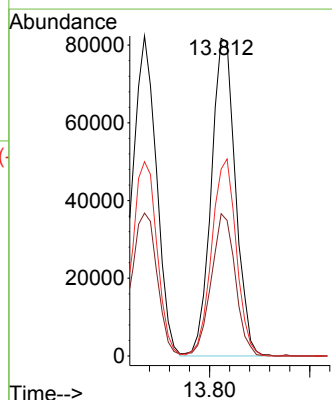
Tgt Ion:146 Resp: 137334

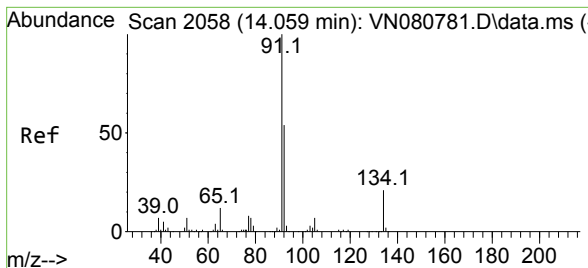
Ion Ratio Lower Upper

146 100

111 44.7 22.6 67.7

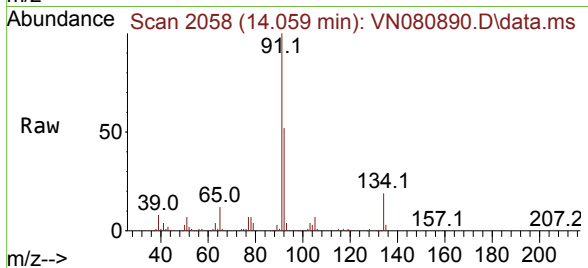
148 62.9 31.9 95.5





#89
n-Butylbenzene
Concen: 48.429 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

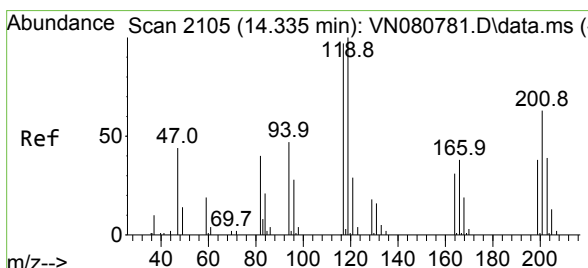
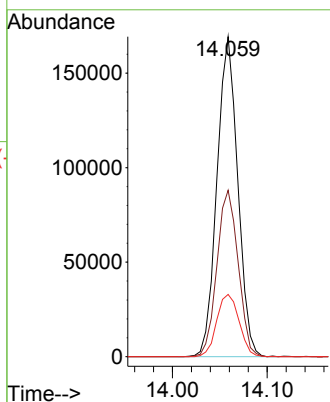
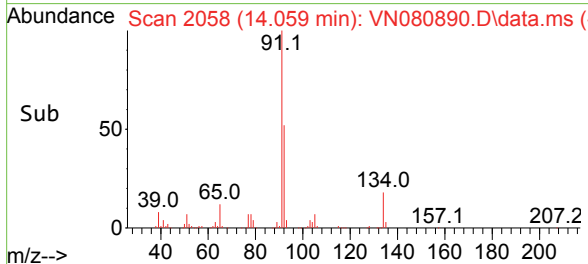
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 257814
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 21.0 10.8 32.4

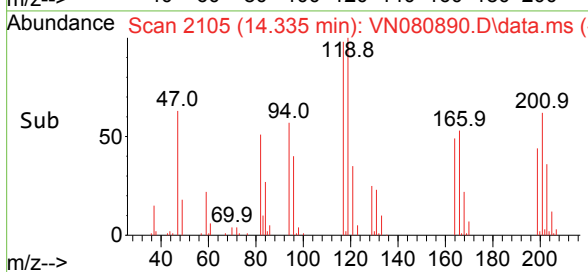
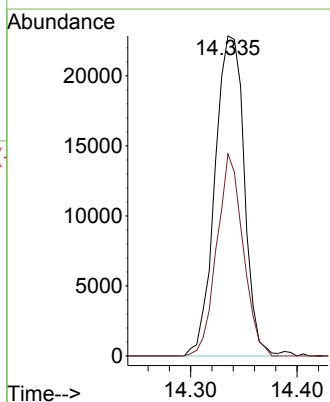
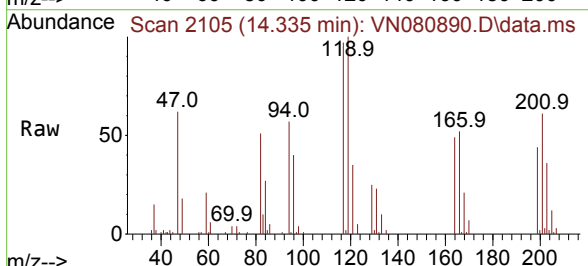
Manual Integrations
APPROVED

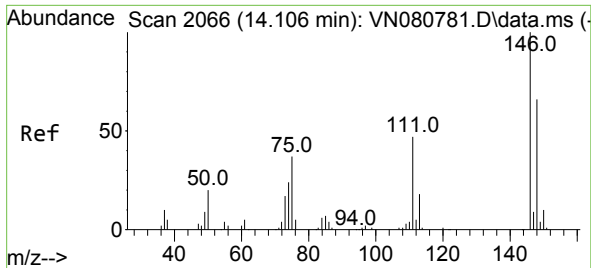
Reviewed By :John Carbone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#90
Hexachloroethane
Concen: 45.790 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

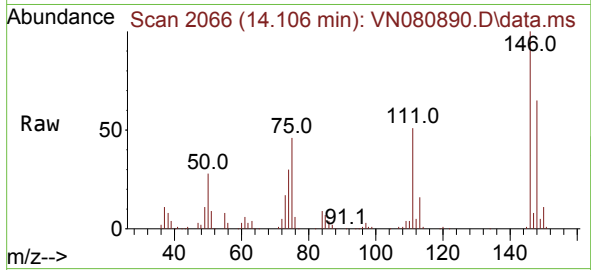
Tgt Ion:117 Resp: 43588
Ion Ratio Lower Upper
117 100
201 56.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 50.361 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51

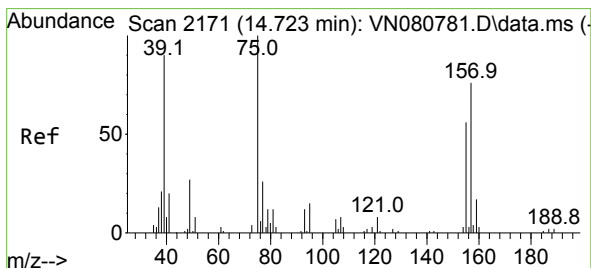
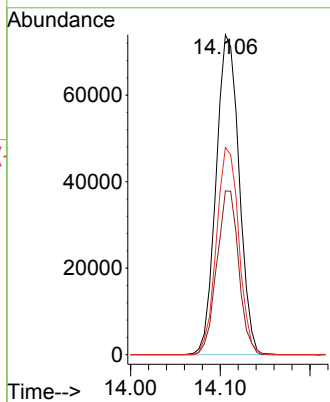
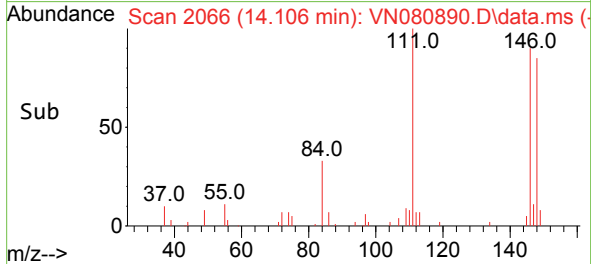
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



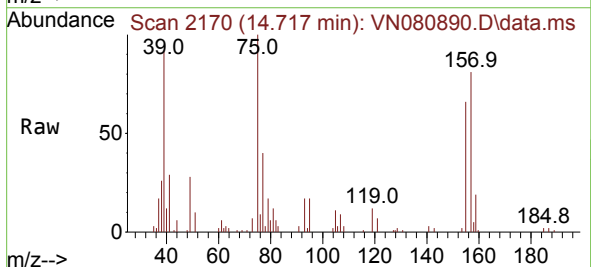
Tgt Ion:146 Resp: 131582
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 63.1 31.4 94.0

Manual Integrations
APPROVED

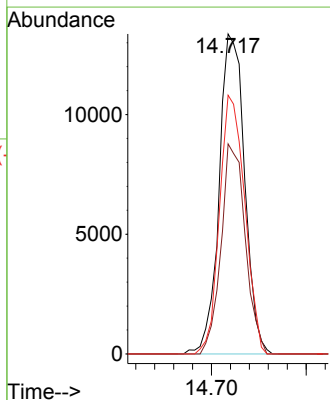
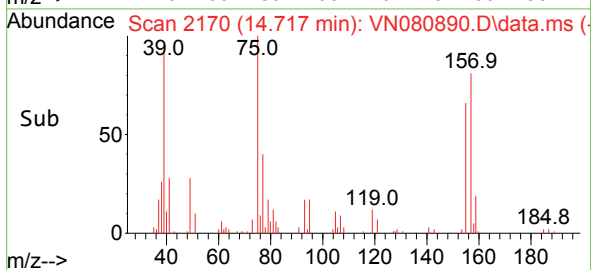
Reviewed By :John Carbone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

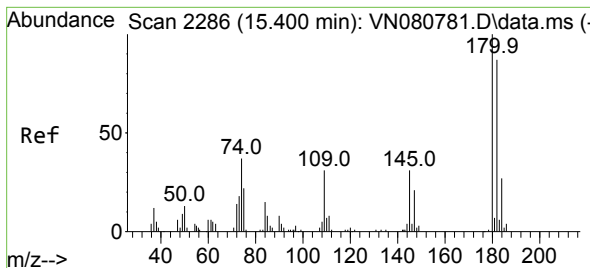


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.761 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080890.D
Acq: 02 Feb 2024 21:51



Tgt Ion: 75 Resp: 24918
Ion Ratio Lower Upper
75 100
155 62.5 31.8 95.4
157 80.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 47.274 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 6357

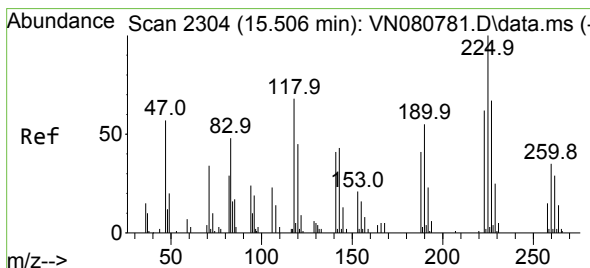
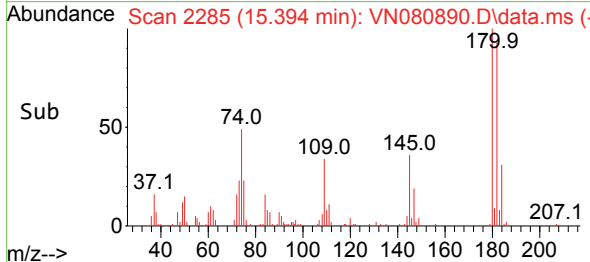
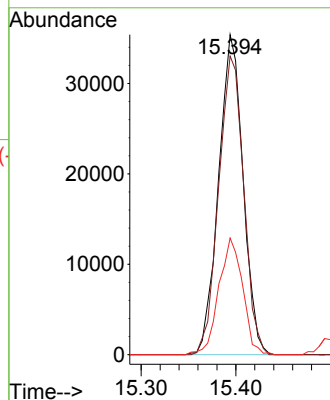
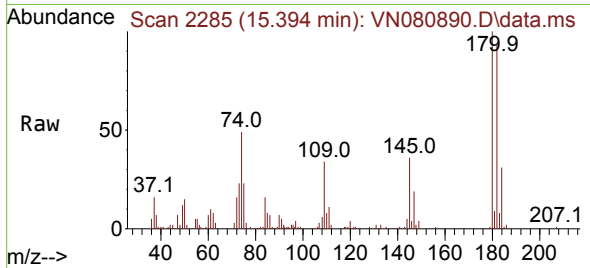
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.6	139.7
145	35.5	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#94

Hexachlorobutadiene

Concen: 45.261 ug/l

RT: 15.506 min Scan# 2304

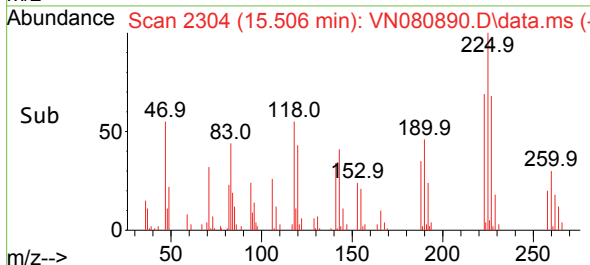
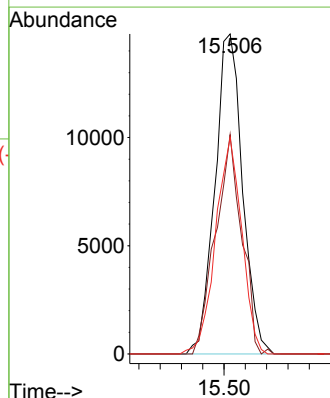
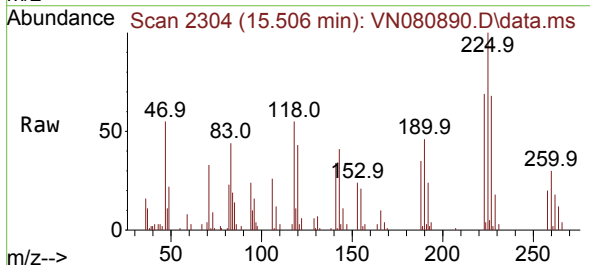
Delta R.T. 0.000 min

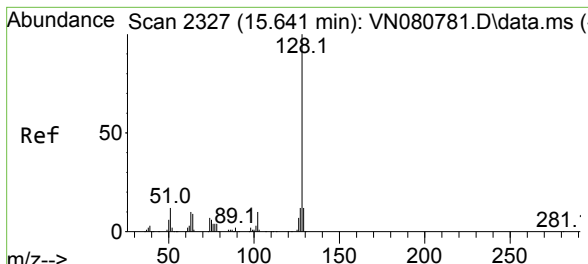
Lab File: VN080890.D

Acq: 02 Feb 2024 21:51

Tgt Ion:225 Resp: 26591

Ion	Ratio	Lower	Upper
225	100		
223	65.3	33.3	99.8
227	64.1	33.1	99.2





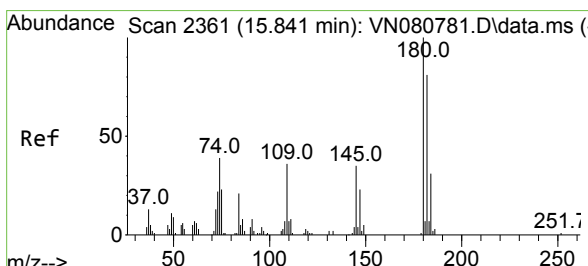
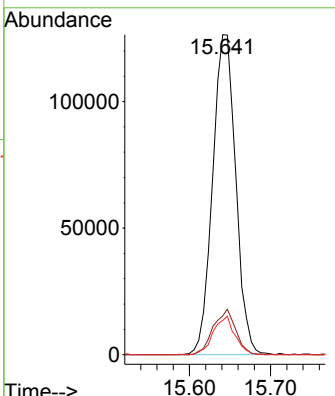
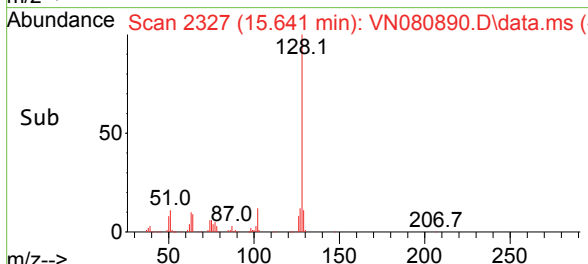
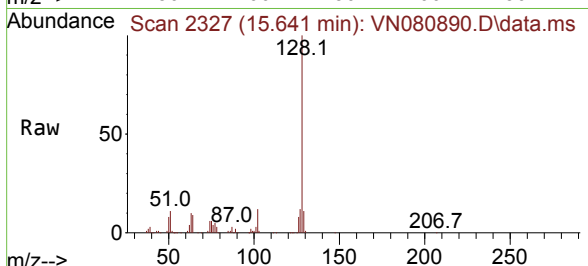
#95
 Naphthalene
 Concen: 48.640 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	128	Resp:	25029
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.0	15.0
129	11.3	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024



#96
 1,2,3-Trichlorobenzene
 Concen: 47.977 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080890.D
 Acq: 02 Feb 2024 21:51

Tgt Ion:	180	Resp:	63418
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.5	139.3
145	36.1	17.8	53.4

