

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080594.D
 Acq On : 27 Dec 2023 11:24
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 28 02:24:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/28/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	455717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	752968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	545498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	576982	98.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.400%#			
35) Dibromofluoromethane	8.165	113	463581	95.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.380%#			
50) Toluene-d8	10.571	98	1536684	90.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 180.760%#			
62) 4-Bromofluorobenzene	12.847	95	590520	103.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 206.380%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	469512	92.747	ug/l	98
3) Chloromethane	2.359	50	522048	99.476	ug/l	99
4) Vinyl Chloride	2.512	62	517623	91.884	ug/l	98
5) Bromomethane	2.930	94	187167	87.431	ug/l	95
6) Chloroethane	3.106	64	334903	95.221	ug/l	99
7) Trichlorofluoromethane	3.489	101	782341	97.259	ug/l	98
8) Diethyl Ether	3.953	74	290079	105.010	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.365	101	429007	97.702	ug/l	97
10) Methyl Iodide	4.589	142	333759	110.017	ug/l	95
11) Tert butyl alcohol	5.518	59	399630	508.159	ug/l	98
12) 1,1-Dichloroethene	4.336	96	418600	99.388	ug/l	86
13) Acrolein	4.171	56	463593	521.381	ug/l	98
14) Allyl chloride	5.024	41	622668	97.381	ug/l	94
15) Acrylonitrile	5.718	53	983652	438.546	ug/l	99
16) Acetone	4.424	43	779763	490.719	ug/l	93
17) Carbon Disulfide	4.712	76	1041045	91.916	ug/l	97
18) Methyl Acetate	5.018	43	876621	99.506	ug/l	89
19) Methyl tert-butyl Ether	5.795	73	1420156	93.658	ug/l	95
20) Methylene Chloride	5.277	84	485940	95.843	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	432828	85.054	ug/l #	81
22) Diisopropyl ether	6.671	45	1276453	89.874	ug/l	90
23) Vinyl Acetate	6.600	43	3577347	448.220	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	963469	101.208	ug/l	99
25) 2-Butanone	7.471	43	1246212	419.609	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	739758	89.271	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	525724	86.857	ug/l	90
28) Bromochloromethane	7.812	49	465457	105.156	ug/l	87
29) Tetrahydrofuran	7.836	42	1013431	523.225	ug/l #	83
30) Chloroform	7.971	83	967857	101.268	ug/l	97
31) Cyclohexane	8.259	56	748682	94.663	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	778829	90.374	ug/l	97
36) 1,1-Dichloropropene	8.377	75	718638	95.884	ug/l	96
37) Ethyl Acetate	7.559	43	491215	86.859	ug/l	97
38) Carbon Tetrachloride	8.359	117	740436	96.570	ug/l	98
39) Methylcyclohexane	9.606	83	540710	87.959	ug/l	92
40) Benzene	8.606	78	2199349	100.256	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080594.D
 Acq On : 27 Dec 2023 11:24
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 02:24:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	367572	106.707	ug/l	88
42) 1,2-Dichloroethane	8.671	62	718083	103.405	ug/l	98
43) Isopropyl Acetate	8.688	43	989884	107.990	ug/l	97
44) Trichloroethene	9.353	130	576427	103.032	ug/l	99
45) 1,2-Dichloropropane	9.624	63	416052	81.680	ug/l	97
46) Dibromomethane	9.712	93	276783	80.764	ug/l	90
47) Bromodichloromethane	9.888	83	601319	83.707	ug/l	99
48) Methyl methacrylate	9.682	41	424886	83.481	ug/l	87
49) 1,4-Dioxane	9.694	88	136596	1679.106	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	2150503	412.483	ug/l	100
52) Toluene	10.629	92	1040998	87.356	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	670577	92.593	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	714308	88.128	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	407329	86.172	ug/l	99
56) Ethyl methacrylate	10.877	69	466317	100.714	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	704546	87.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1648678	504.228	ug/l	95
59) 2-Hexanone	11.194	43	1639108	417.134	ug/l	100
60) Dibromochloromethane	11.359	129	464558	88.257	ug/l	100
61) 1,2-Dibromoethane	11.471	107	409673	85.956	ug/l	98
64) Tetrachloroethene	11.106	164	349022	95.753	ug/l	96
65) Chlorobenzene	11.894	112	1113332	98.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	434209	99.472	ug/l	96
67) Ethyl Benzene	11.965	91	1997736	105.301	ug/l	97
68) m/p-Xylenes	12.071	106	1486736	211.202	ug/l	92
69) o-Xylene	12.400	106	734485	106.237	ug/l	92
70) Styrene	12.412	104	1129126	112.307	ug/l	97
71) Bromoform	12.582	173	325721	105.484	ug/l #	100
73) Isopropylbenzene	12.694	105	1911060	90.702	ug/l	99
74) N-amyl acetate	12.494	43	650463	87.508	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	579099	79.644	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	541808m	81.830	ug/l	
77) Bromobenzene	12.982	156	478245	85.462	ug/l	98
78) n-propylbenzene	13.035	91	2280600	94.652	ug/l	99
79) 2-Chlorotoluene	13.129	91	1518226	96.519	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1825368	102.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	225626	92.305	ug/l	94
82) 4-Chlorotoluene	13.223	91	1585284	98.549	ug/l	99
83) tert-Butylbenzene	13.441	119	1657665	111.482	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2050459	113.824	ug/l	100
85) sec-Butylbenzene	13.618	105	2196816	111.645	ug/l	100
86) p-Isopropyltoluene	13.729	119	1994321	99.983	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1038073	102.929	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	992741	97.923	ug/l	99
89) n-Butylbenzene	14.059	91	1764568	119.994	ug/l	98
90) Hexachloroethane	14.335	117	314523	102.399	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	1002982	103.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	136731	91.111	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	534188	104.011	ug/l	97
94) Hexachlorobutadiene	15.506	225	234411	88.443	ug/l	99
95) Naphthalene	15.641	128	1733209	108.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	508296	97.900	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
Data File : VN080594.D
Acq On : 27 Dec 2023 11:24
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

Quant Time: Dec 28 02:24:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080594.D
 Acq On : 27 Dec 2023 11:24
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDICC100

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024

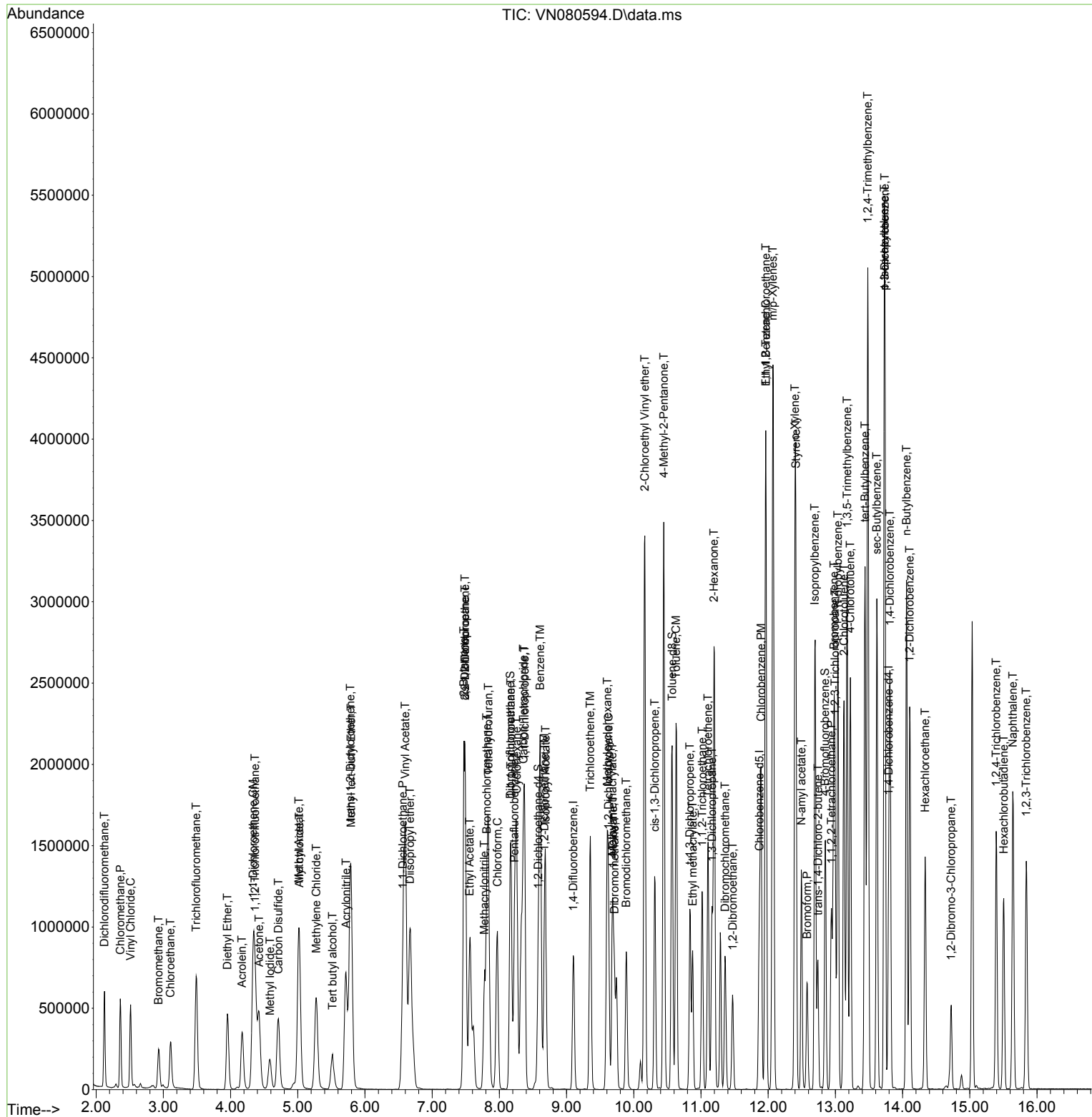
Quant Time: Dec 28 02:24:56 2023

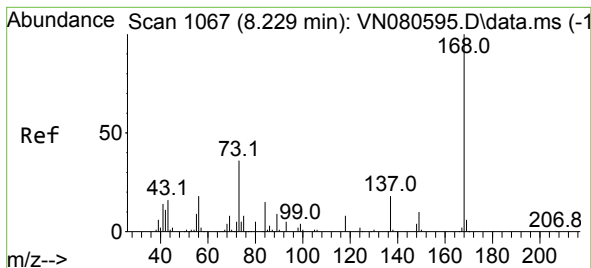
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M

Quant Title : SW846 8260

QLast Update : Thu Dec 28 01:54:24 2023

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:168 Resp: 45571

Ion Ratio Lower Upper

168 100

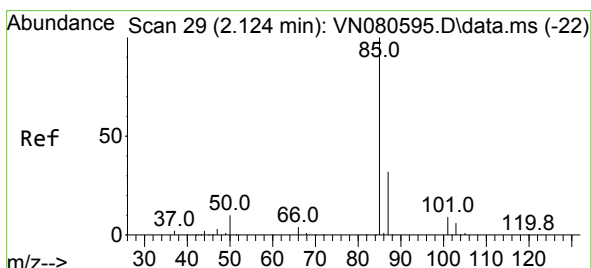
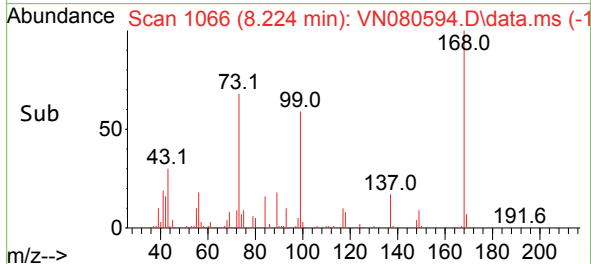
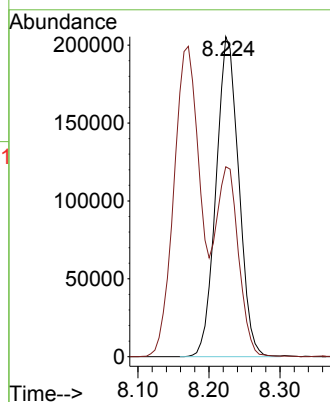
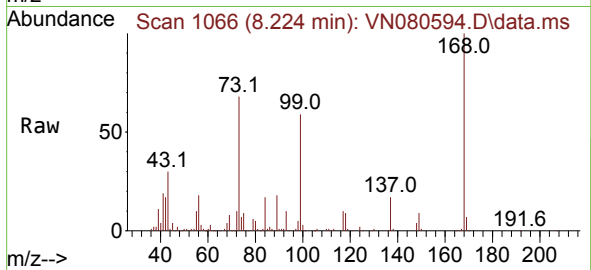
99 59.2 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#2

Dichlorodifluoromethane

Concen: 92.747 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080594.D

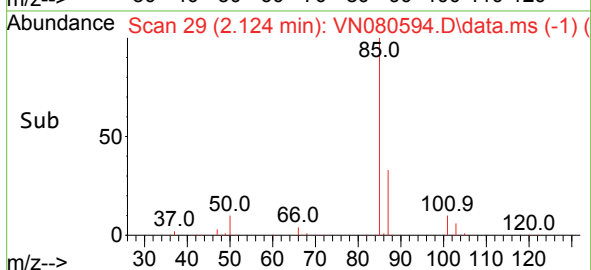
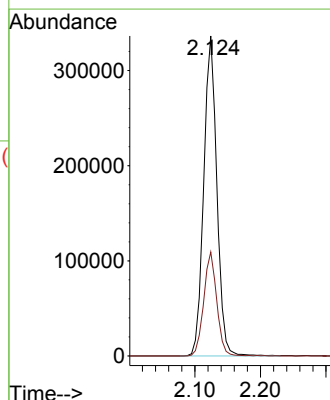
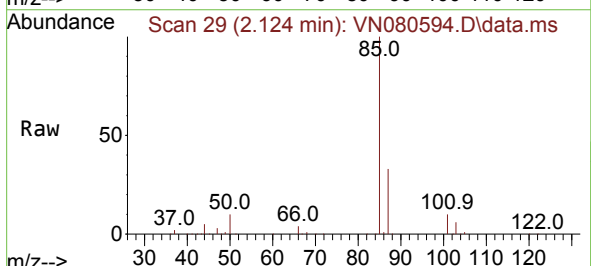
Acq: 27 Dec 2023 11:24

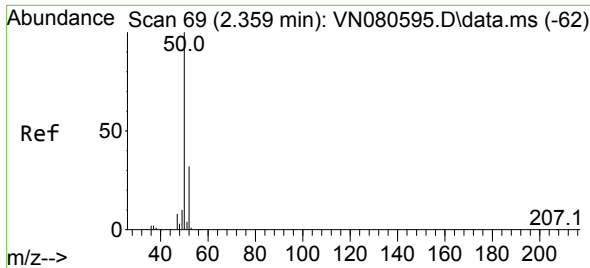
Tgt Ion: 85 Resp: 469512

Ion Ratio Lower Upper

85 100

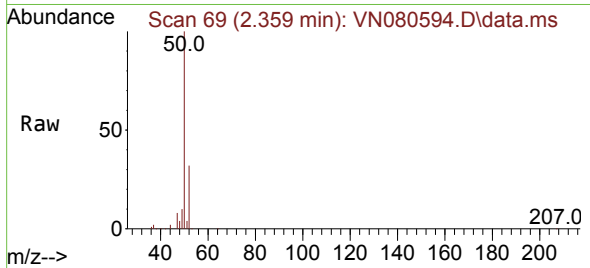
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 99.476 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

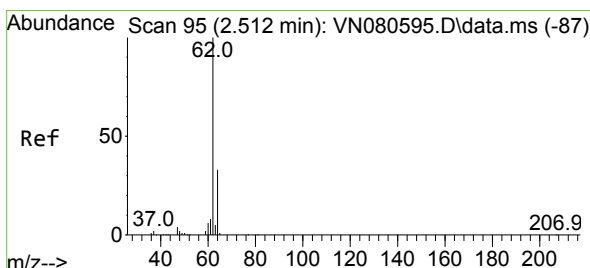
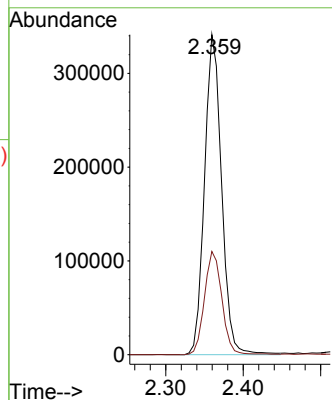
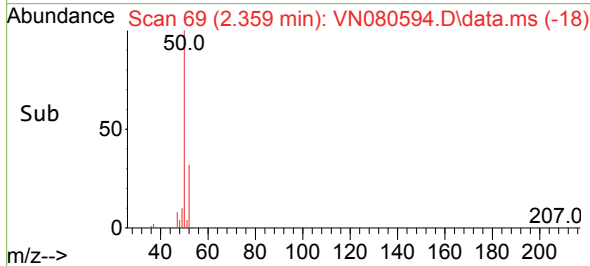
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



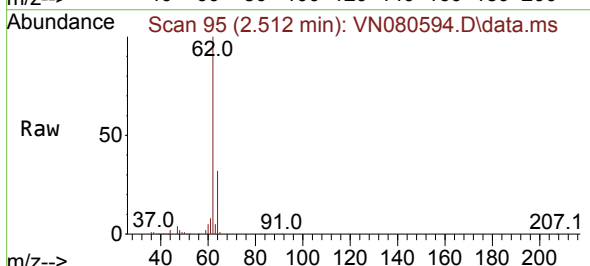
Tgt Ion: 50 Resp: 522048
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

Manual Integrations
APPROVED

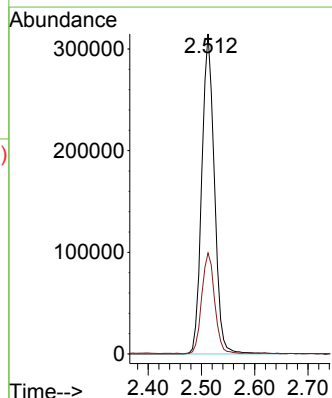
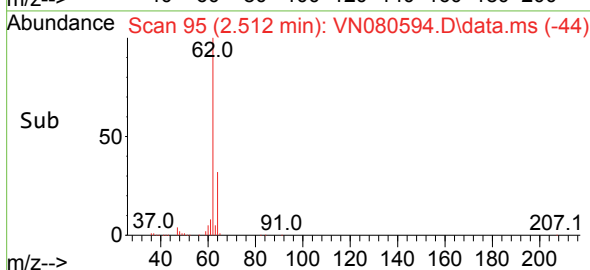
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

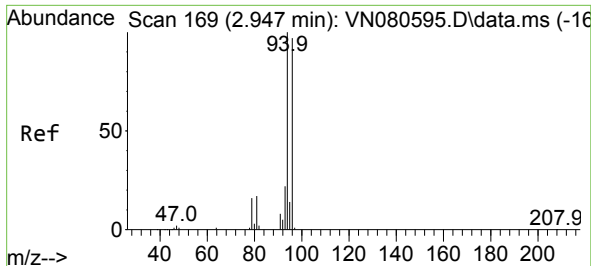


#4
Vinyl Chloride
Concen: 91.884 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



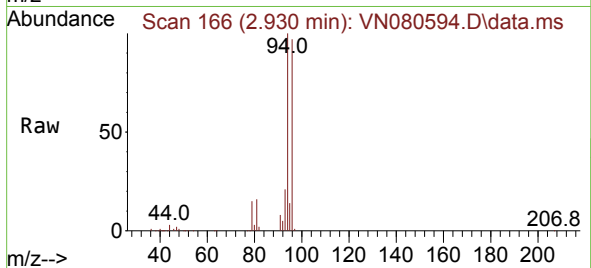
Tgt Ion: 62 Resp: 517623
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 87.431 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.017 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

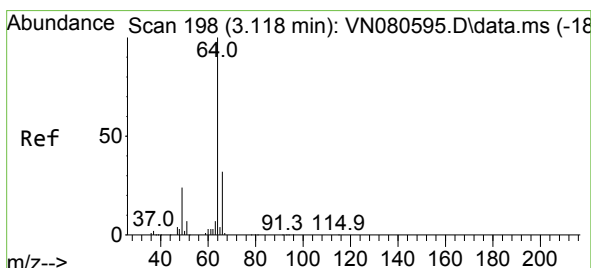
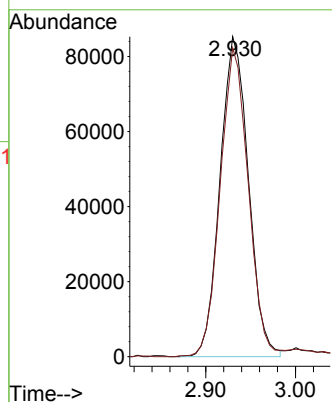
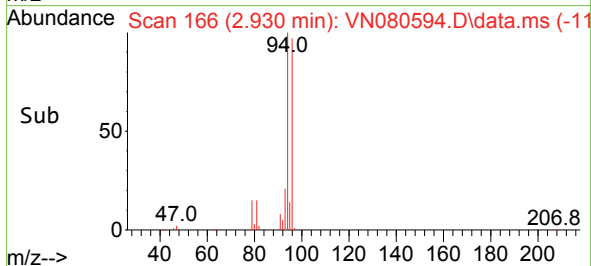
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 18716
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7

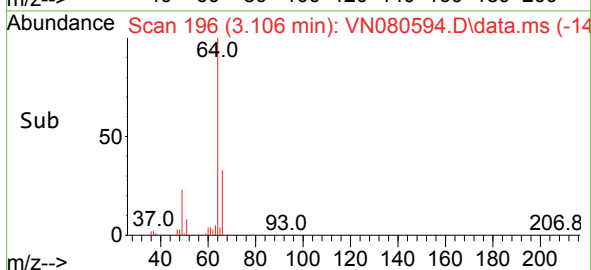
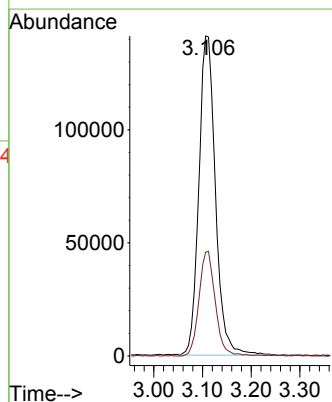
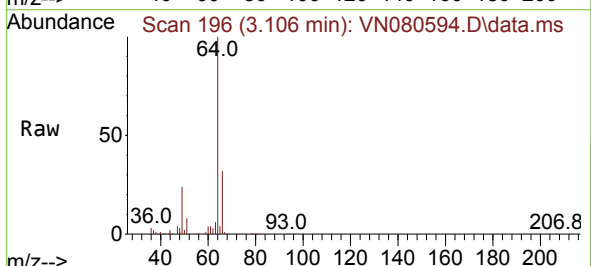
Manual Integrations
APPROVED

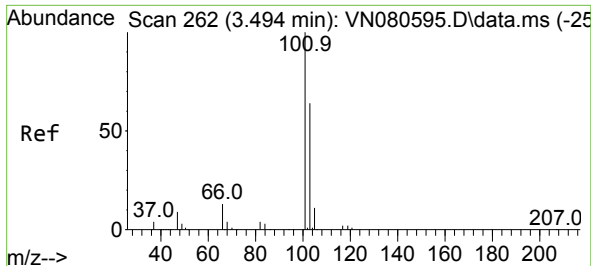
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#6
Chloroethane
Concen: 95.221 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

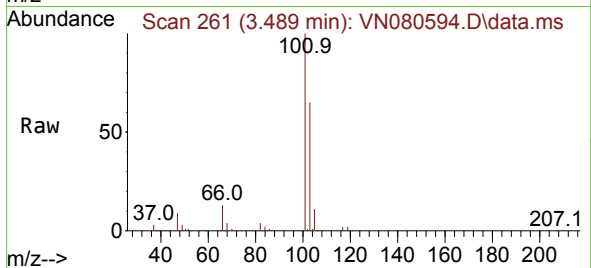
Tgt Ion: 64 Resp: 334903
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 97.259 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

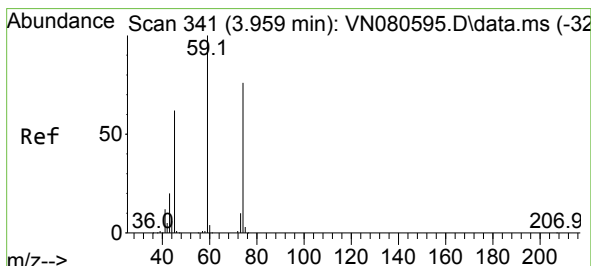
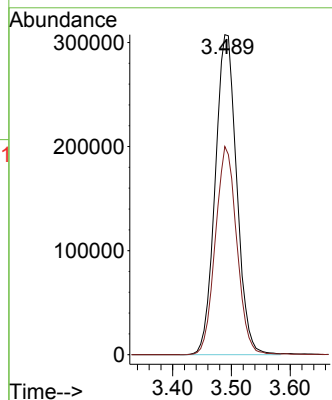
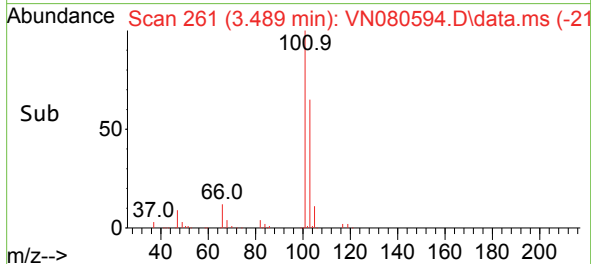
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 78234
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

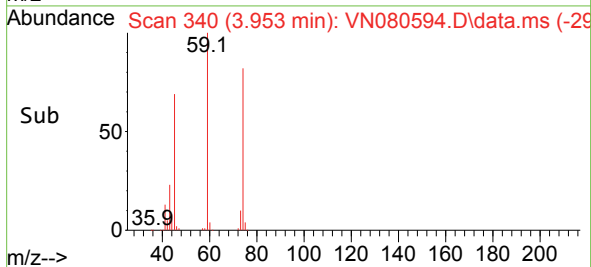
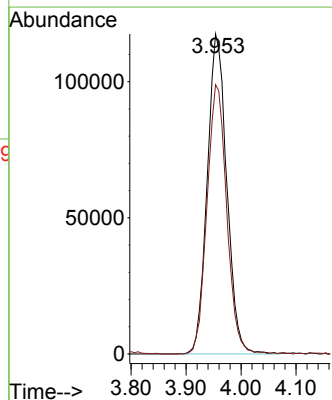
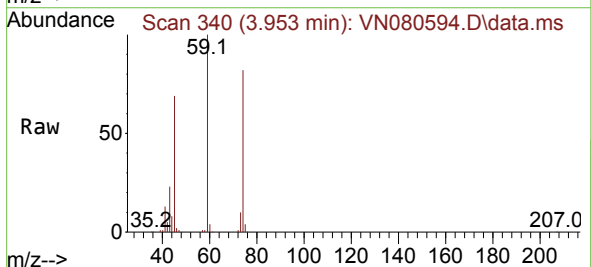
Manual Integrations
APPROVED

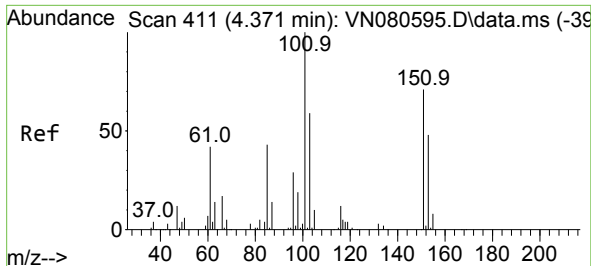
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#8
Diethyl Ether
Concen: 105.010 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion: 74 Resp: 290079
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





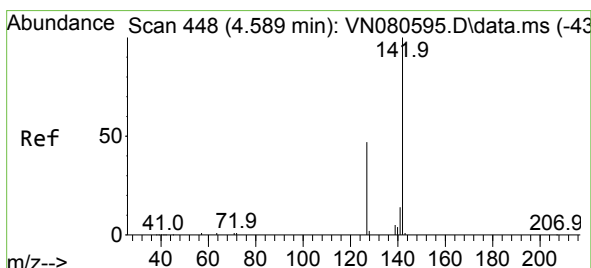
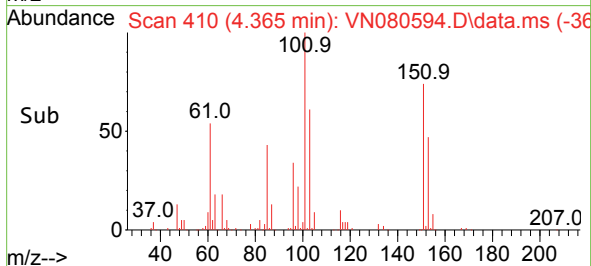
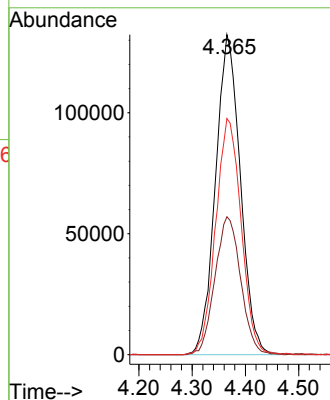
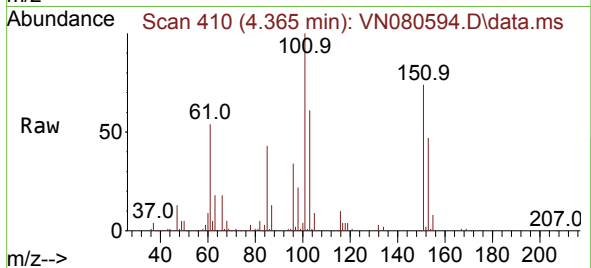
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.702 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 42900
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 75.6 57.6 86.4

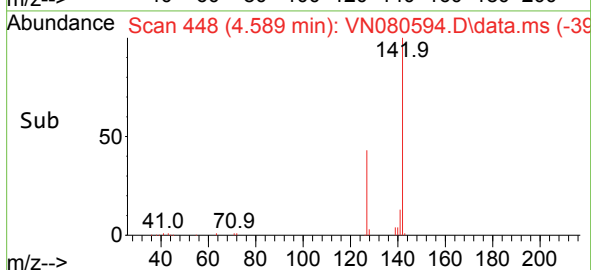
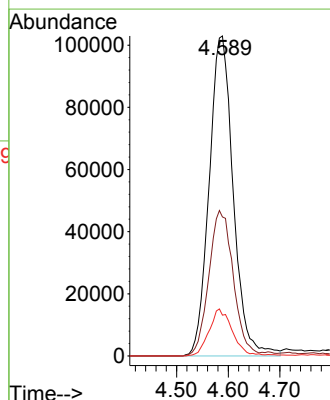
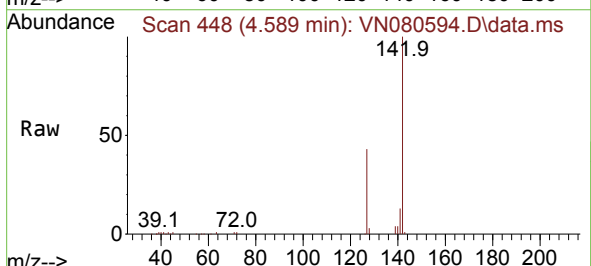
Manual Integrations
APPROVED

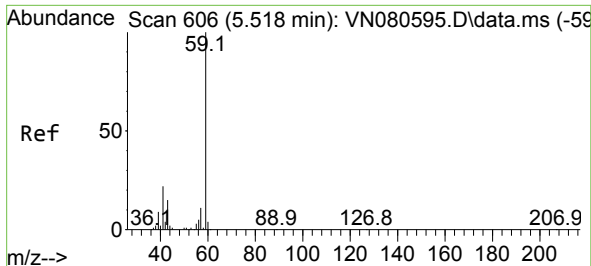
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 110.017 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

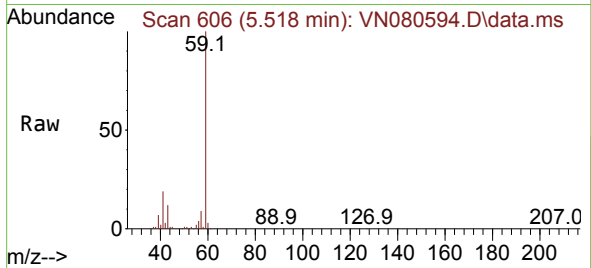
Tgt Ion:142 Resp: 333759
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 12.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 508.159 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

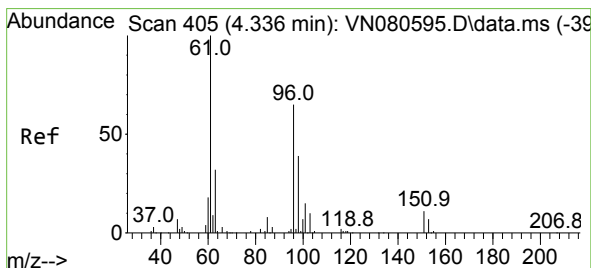
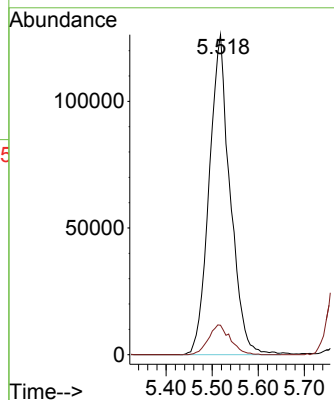
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 399630
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

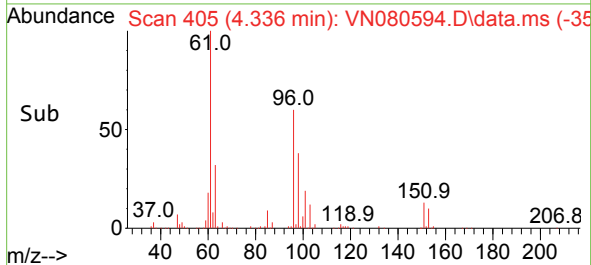
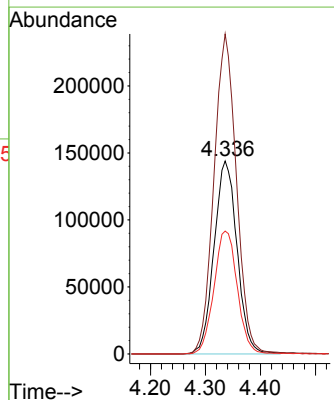
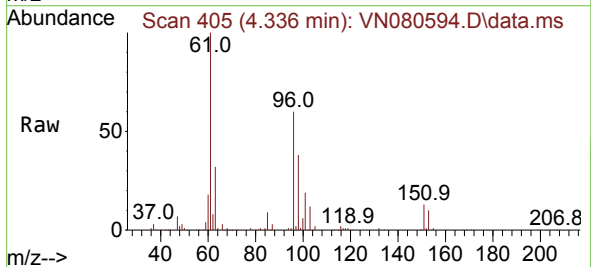
Manual Integrations
APPROVED

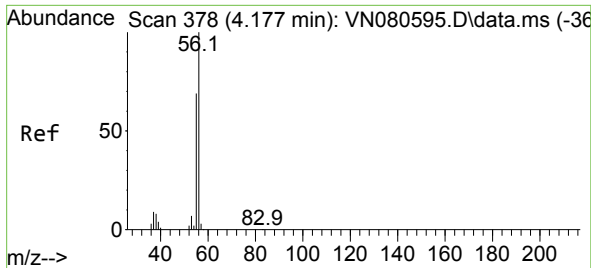
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#12
1,1-Dichloroethene
Concen: 99.388 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion: 96 Resp: 418600
Ion Ratio Lower Upper
96 100
61 165.9 112.7 169.1
98 63.7 51.2 76.8





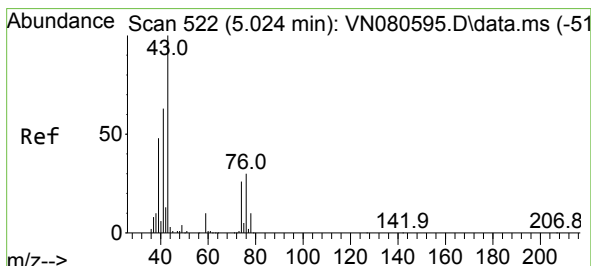
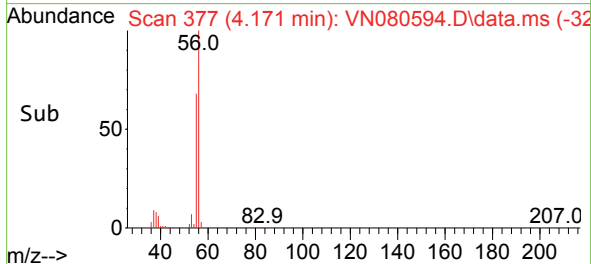
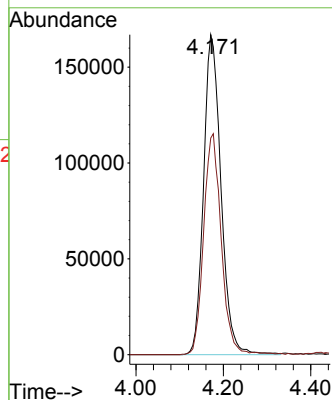
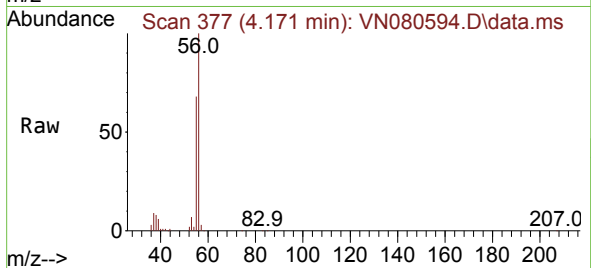
#13
Acrolein
Concen: 521.381 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 46359
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

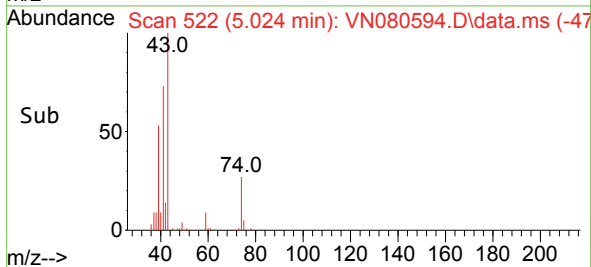
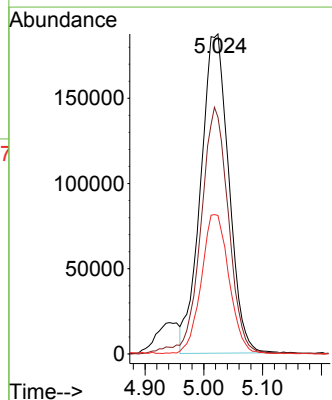
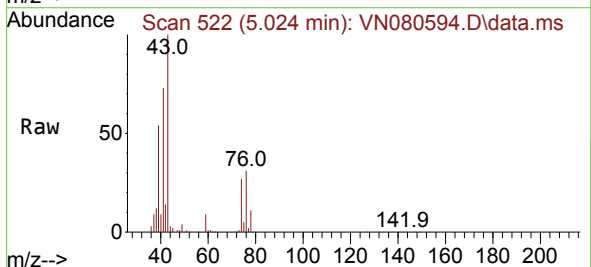
Manual Integrations
APPROVED

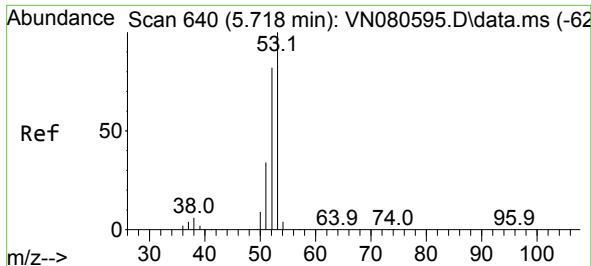
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 97.381 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

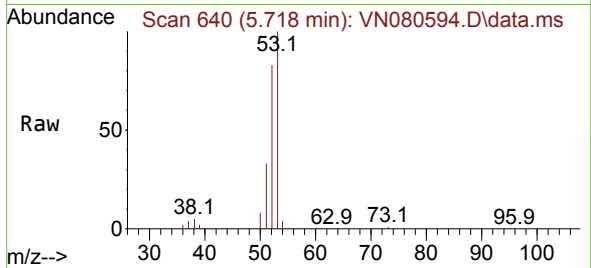
Tgt Ion: 41 Resp: 622668
Ion Ratio Lower Upper
41 100
39 76.5 58.8 88.2
76 42.8 39.1 58.7





#15
Acrylonitrile
Concen: 438.546 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

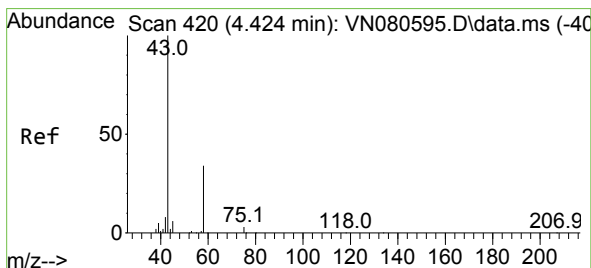
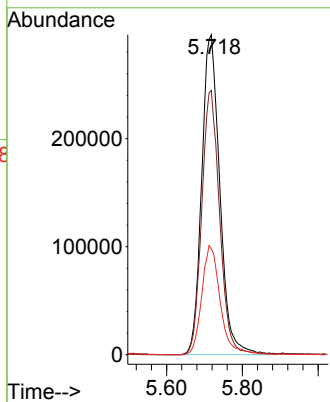
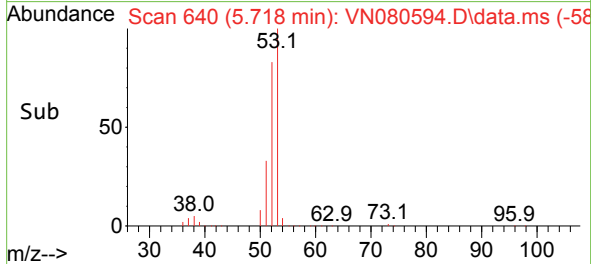
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 983652
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 34.7 28.9 43.3

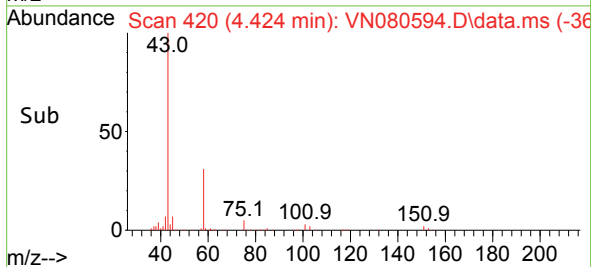
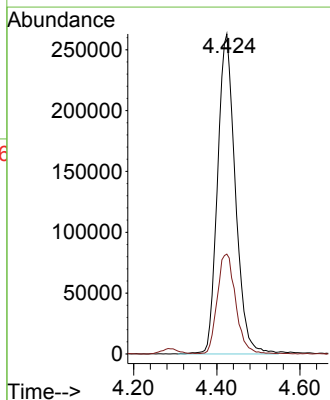
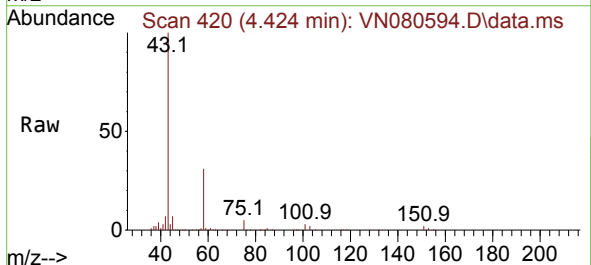
Manual Integrations
APPROVED

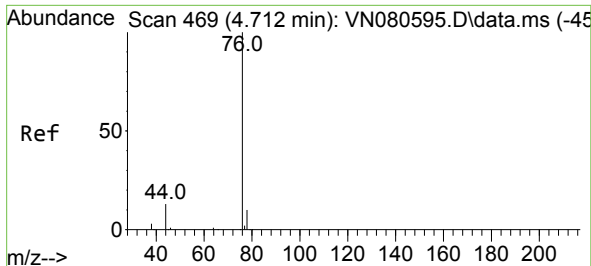
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 490.719 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

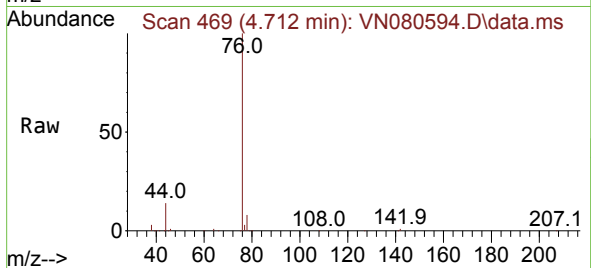
Tgt Ion: 43 Resp: 779763
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#17
Carbon Disulfide
Concen: 91.916 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

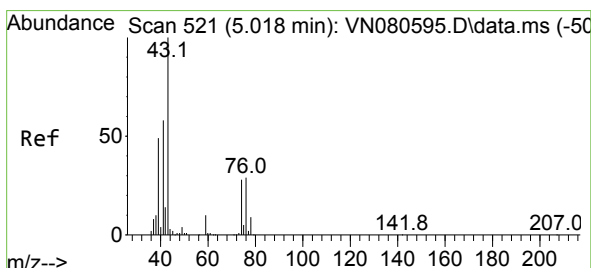
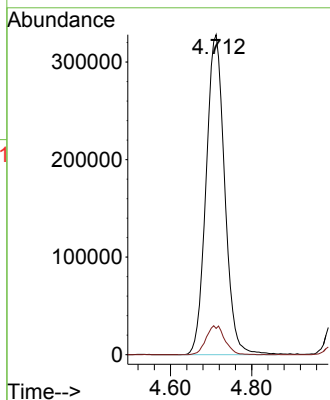
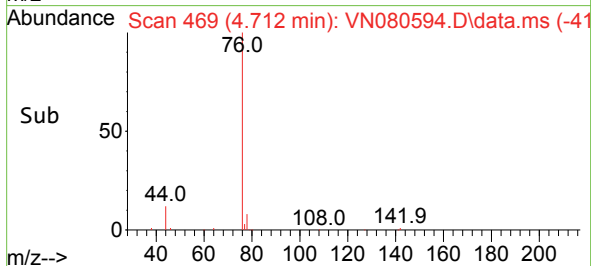
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



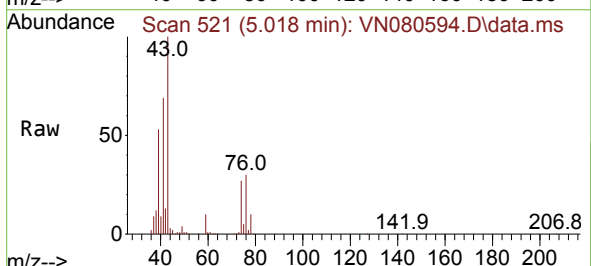
Tgt Ion: 76 Resp: 104104
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

Manual Integrations
APPROVED

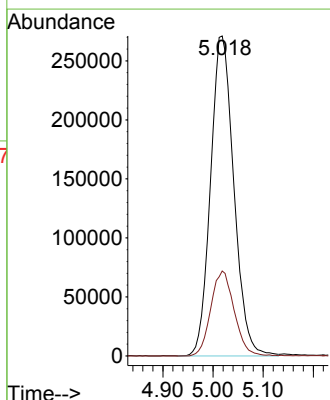
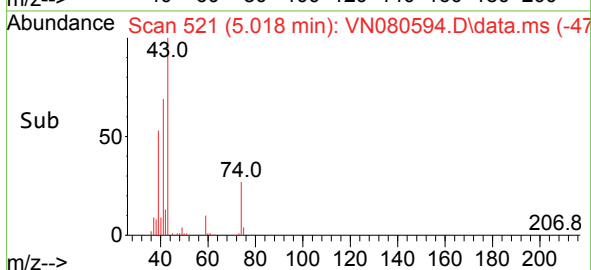
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

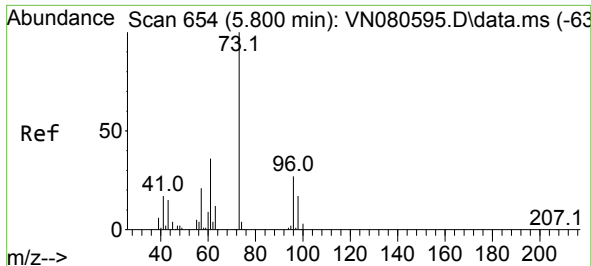


#18
Methyl Acetate
Concen: 99.506 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



Tgt Ion: 43 Resp: 876621
Ion Ratio Lower Upper
43 100
74 26.7 26.2 39.4





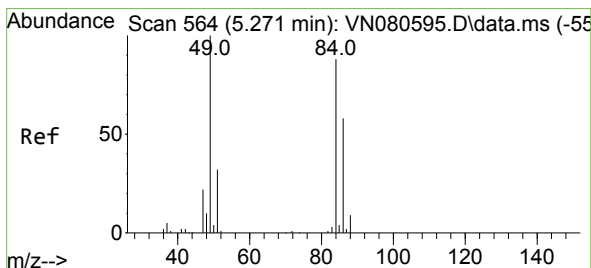
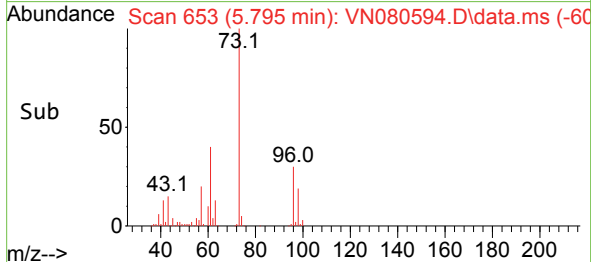
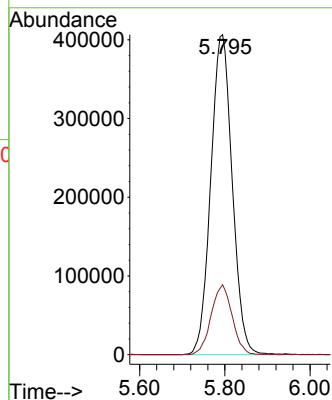
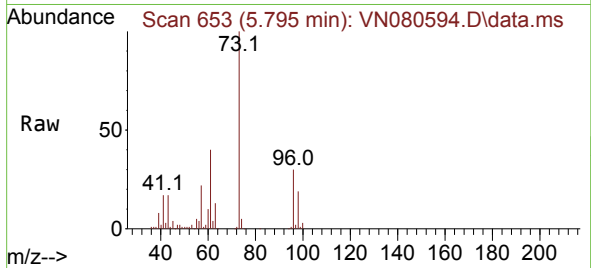
#19
Methyl tert-butyl Ether
Concen: 93.658 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 142015
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

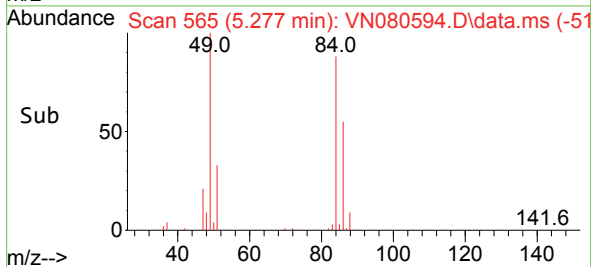
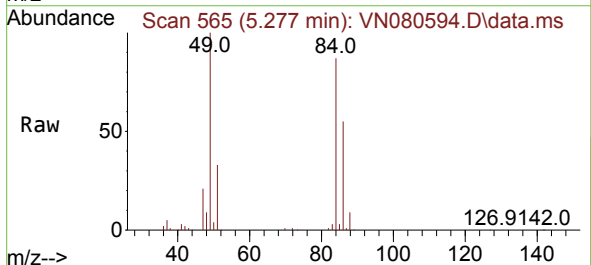
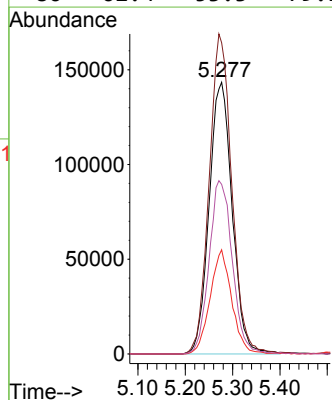
Manual Integrations
APPROVED

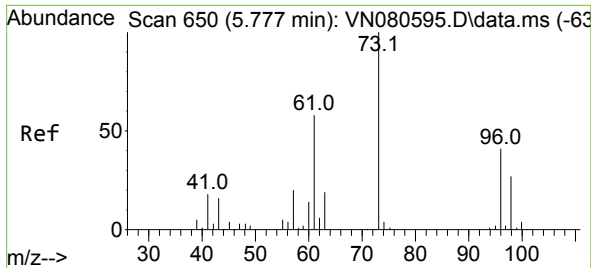
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 95.843 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

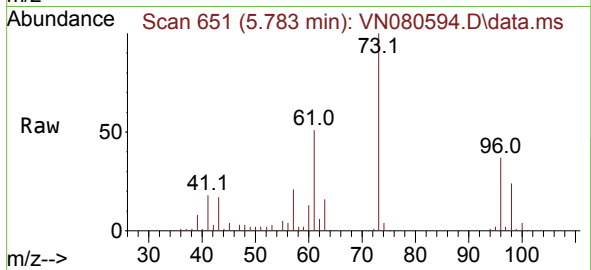
Tgt Ion: 84 Resp: 485940
Ion Ratio Lower Upper
84 100
49 114.5 79.7 119.5
51 38.3 25.2 37.8#
86 62.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 85.054 ug/l
RT: 5.783 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

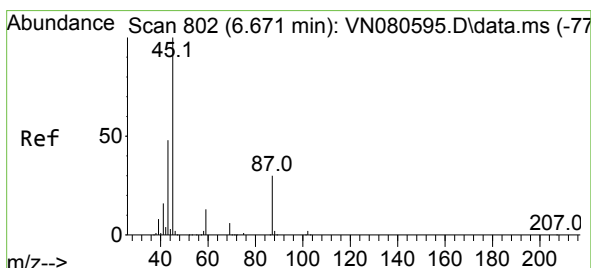
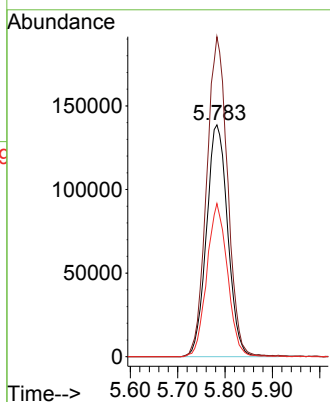
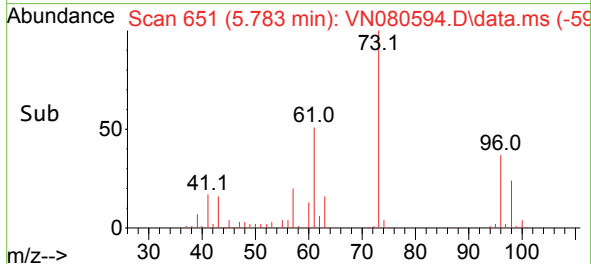
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 432828
Ion Ratio Lower Upper
96 100
61 138.0 90.1 135.1
98 66.0 46.4 69.6

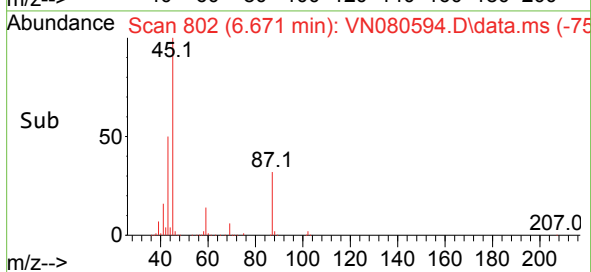
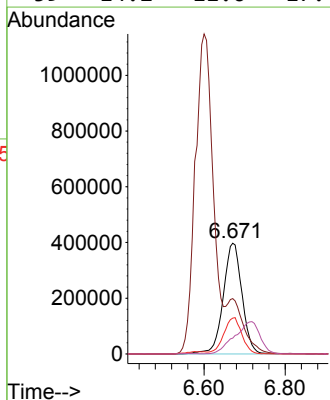
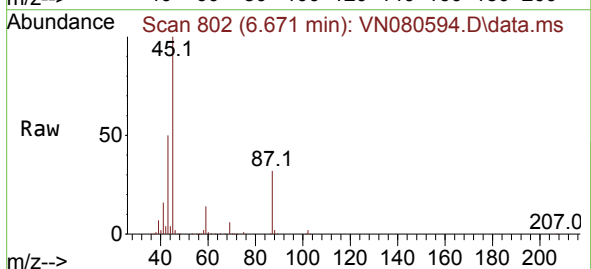
Manual Integrations
APPROVED

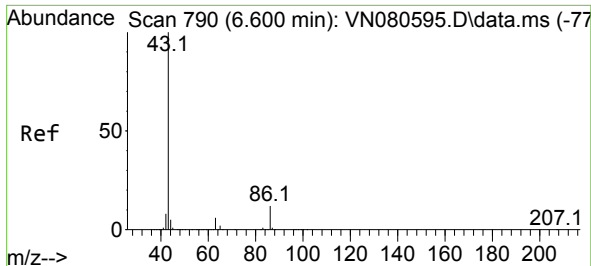
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#22
Diisopropyl ether
Concen: 89.874 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

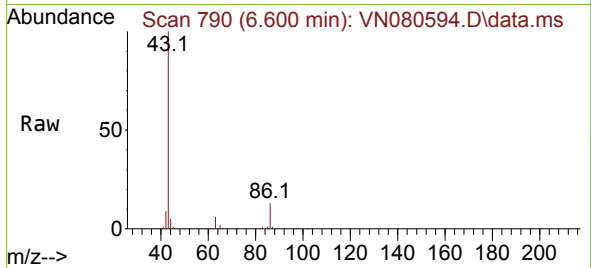
Tgt Ion: 45 Resp: 1276453
Ion Ratio Lower Upper
45 100
43 49.4 45.5 68.3
87 32.2 31.8 47.8
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 448.220 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

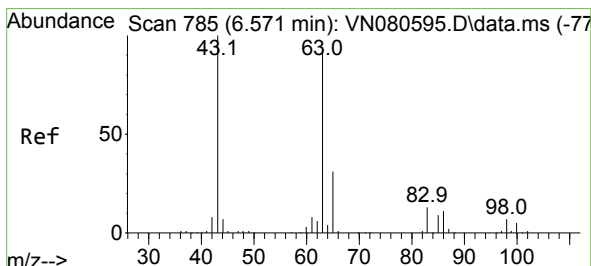
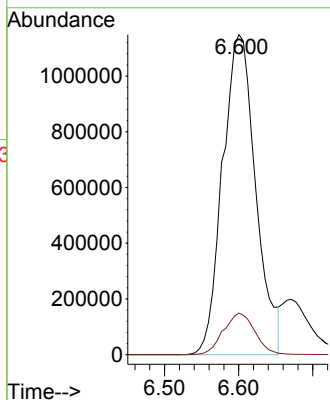
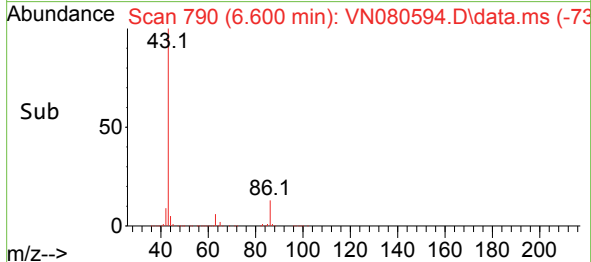
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



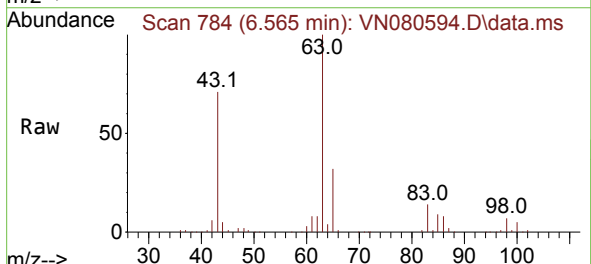
Tgt Ion: 43 Resp: 357734
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6

Manual Integrations
 APPROVED

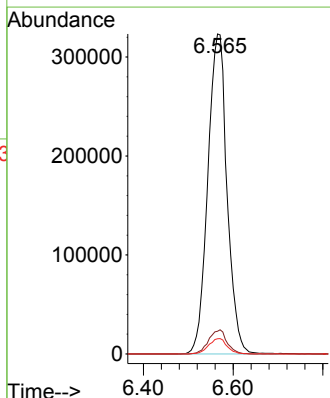
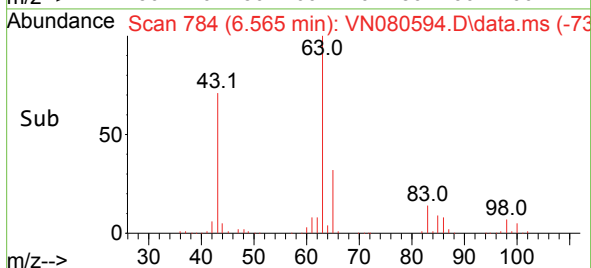
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

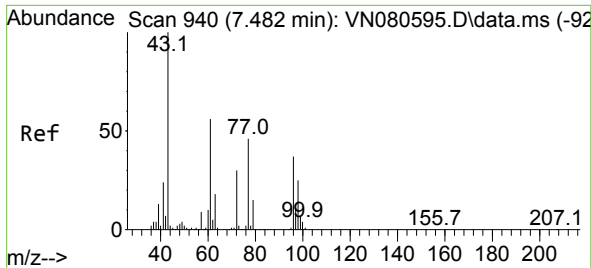


#24
 1,1-Dichloroethane
 Concen: 101.208 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24



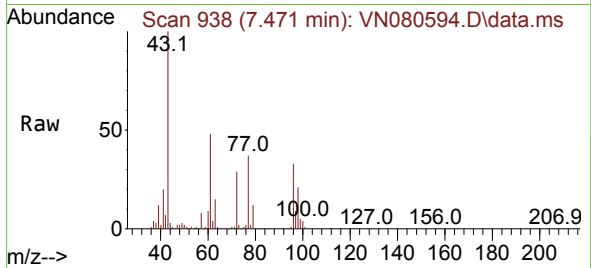
Tgt Ion: 63 Resp: 963469
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 419.609 ug/l
RT: 7.471 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

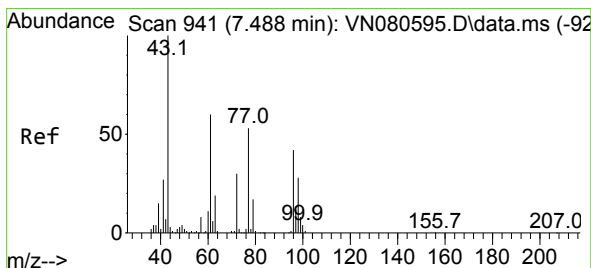
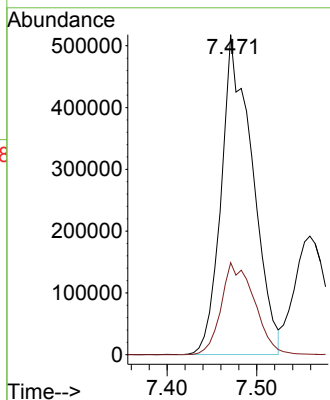
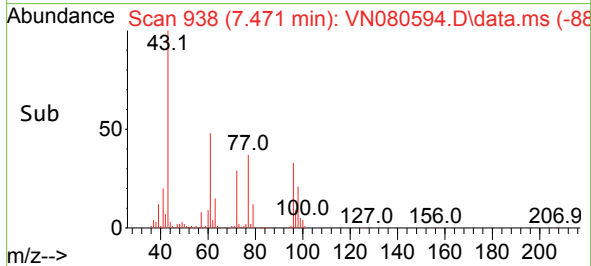
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



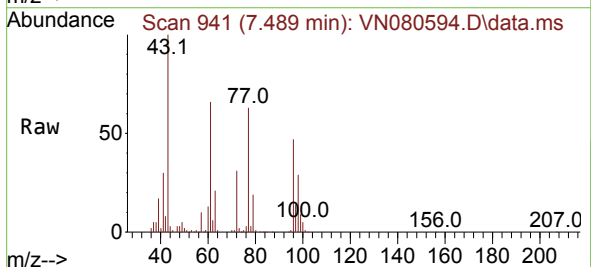
Tgt Ion: 43 Resp: 124621
Ion Ratio Lower Upper
43 100
72 28.8 30.2 45.2

Manual Integrations
APPROVED

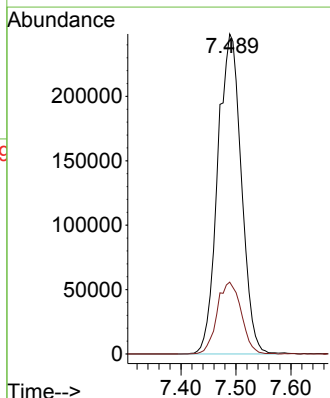
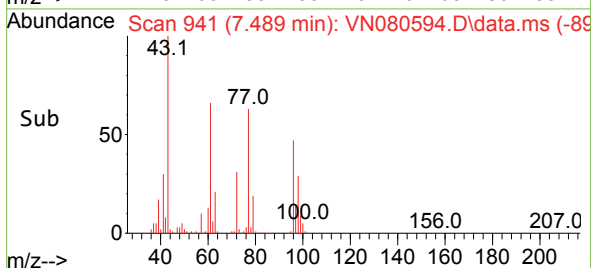
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

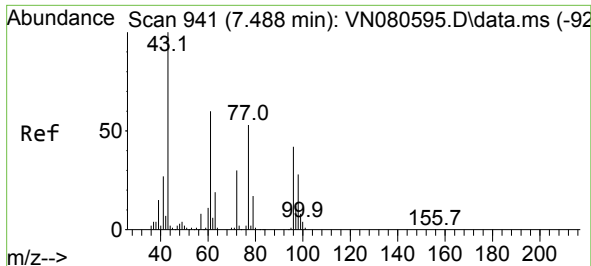


#26
2,2-Dichloropropane
Concen: 89.271 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



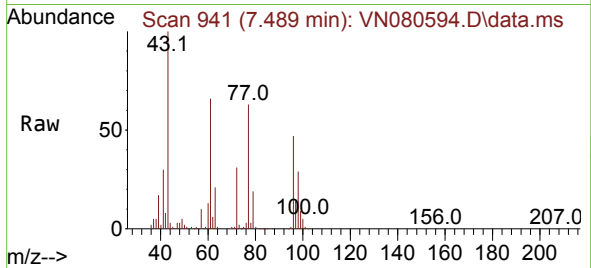
Tgt Ion: 77 Resp: 739758
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 86.857 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

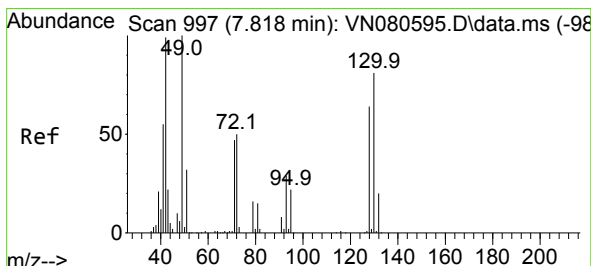
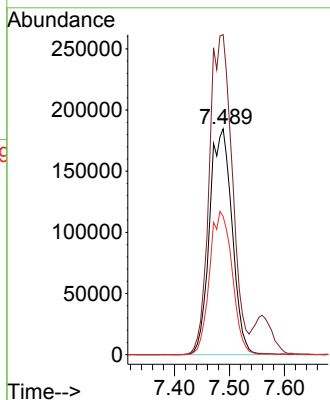
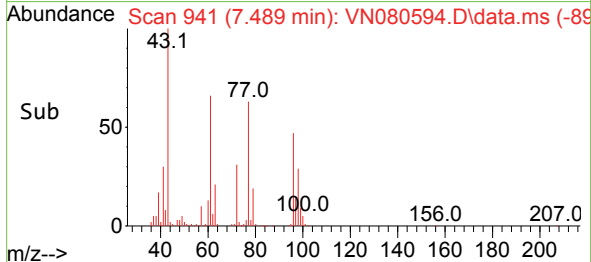
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 525724
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 255.2
 98 63.5 0.0 128.8

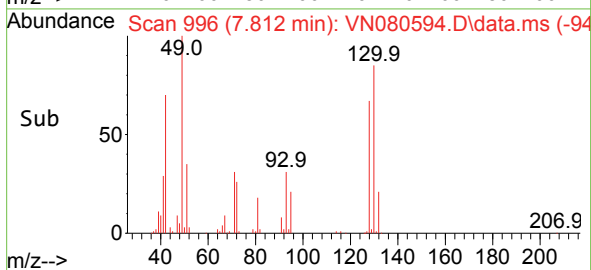
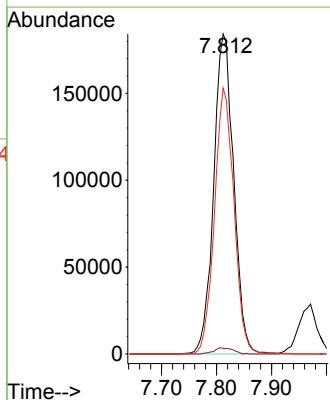
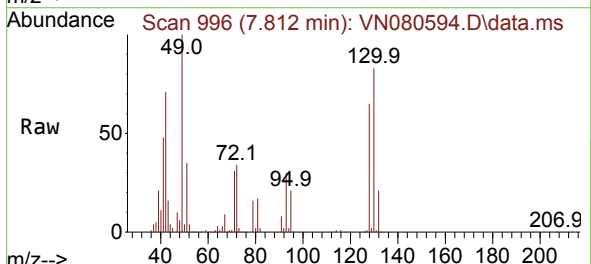
Manual Integrations
 APPROVED

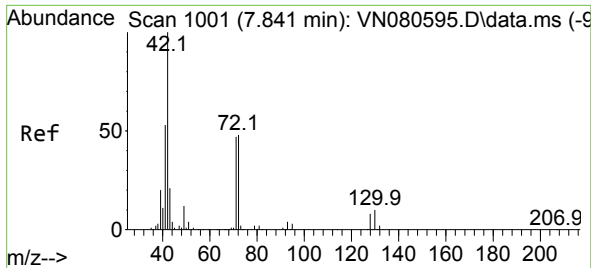
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#28
 Bromochloromethane
 Concen: 105.156 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

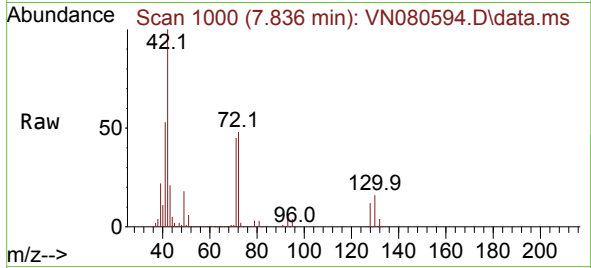
Tgt Ion: 49 Resp: 465457
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 80.8 75.3 112.9





#29
Tetrahydrofuran
Concen: 523.225 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

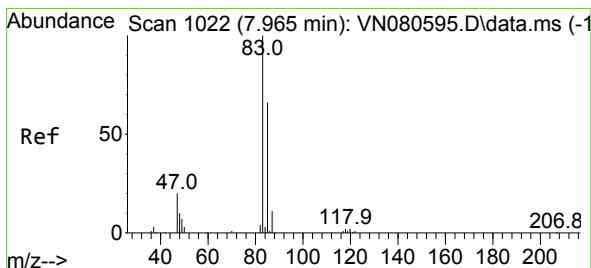
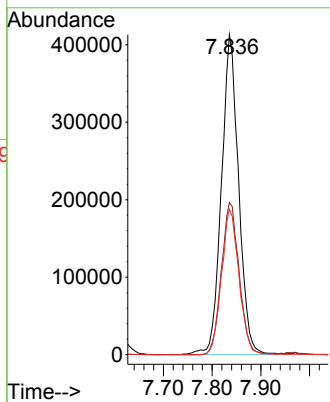
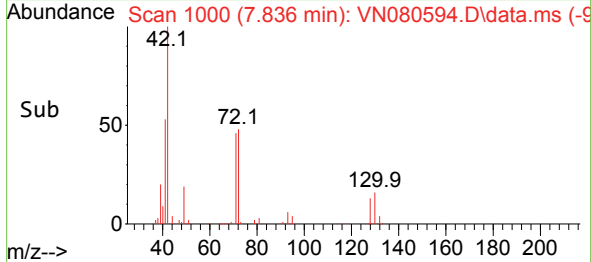
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 42 Resp: 101343
Ion Ratio Lower Upper
42 100
72 49.1 49.8 74.6
71 46.1 47.4 71.2

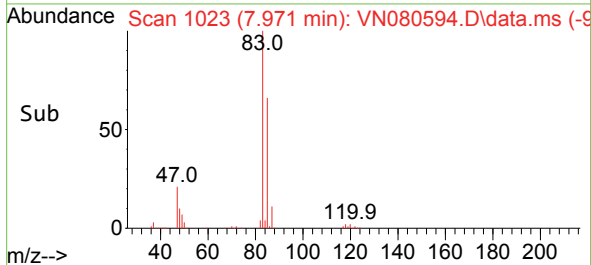
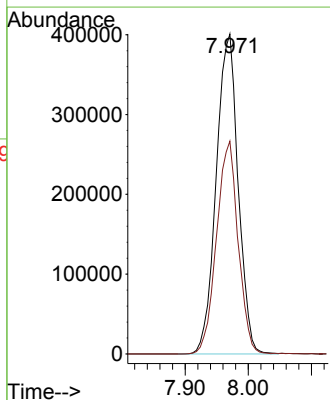
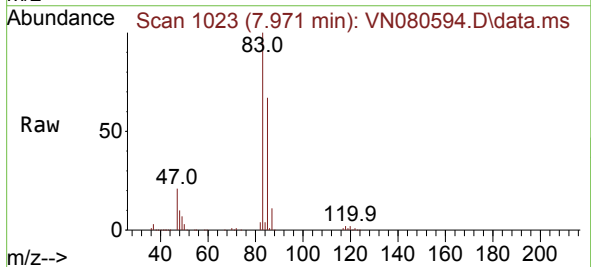
Manual Integrations
APPROVED

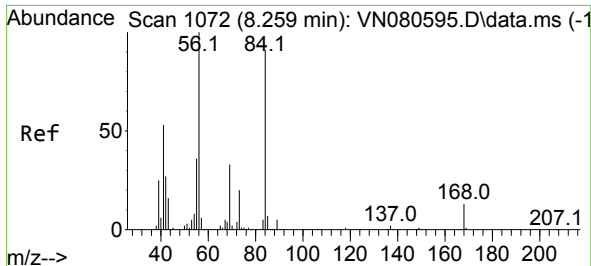
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#30
Chloroform
Concen: 101.268 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

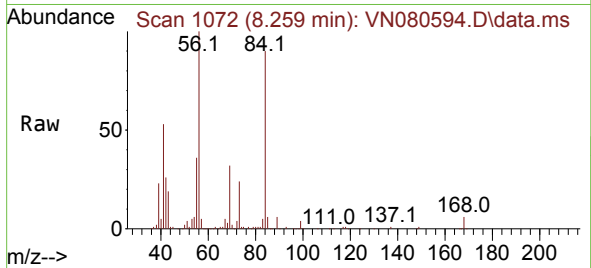
Tgt Ion: 83 Resp: 967857
Ion Ratio Lower Upper
83 100
85 66.5 55.4 83.0





#31
Cyclohexane
Concen: 94.663 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

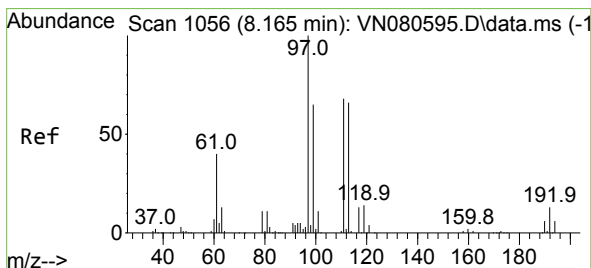
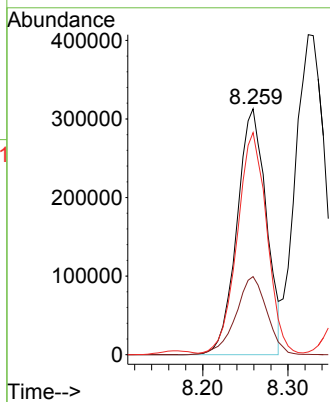
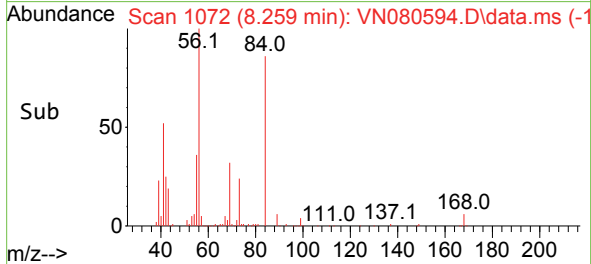
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



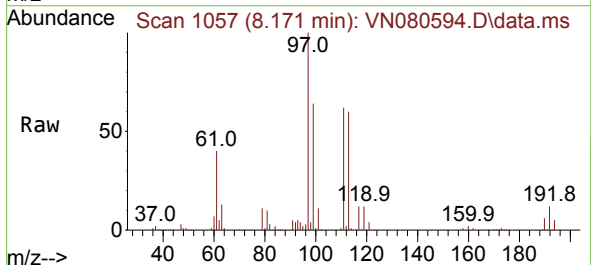
Tgt Ion: 56 Resp: 74868
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 88.7 81.8 122.6

Manual Integrations
APPROVED

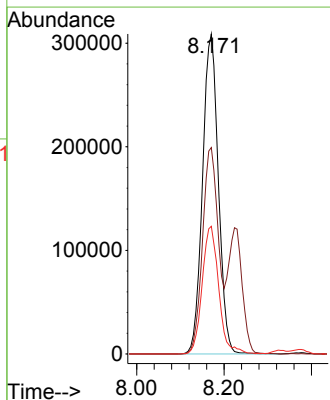
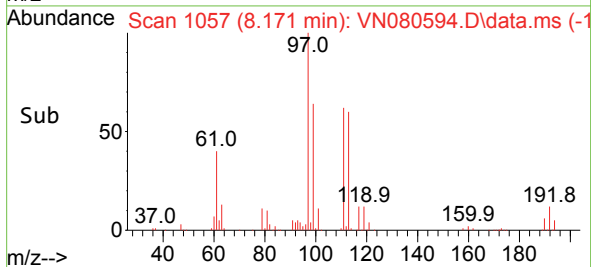
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

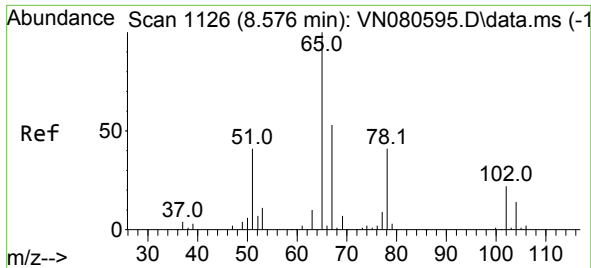


#32
1,1,1-Trichloroethane
Concen: 90.374 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



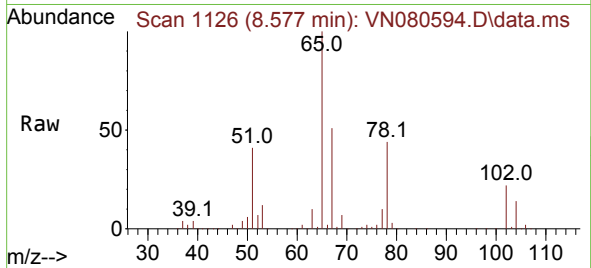
Tgt Ion: 97 Resp: 778829
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 41.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 98.704 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

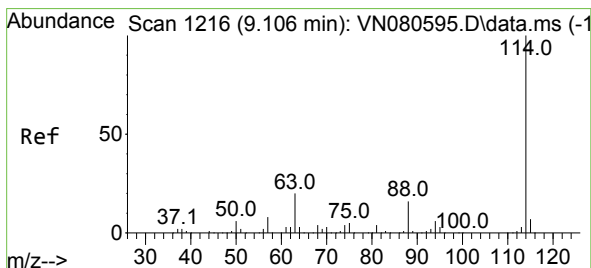
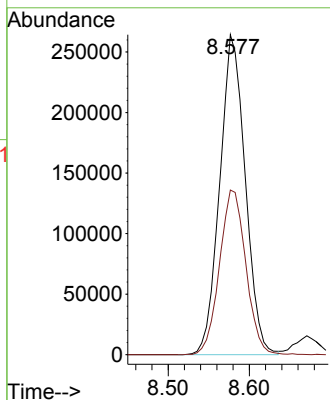
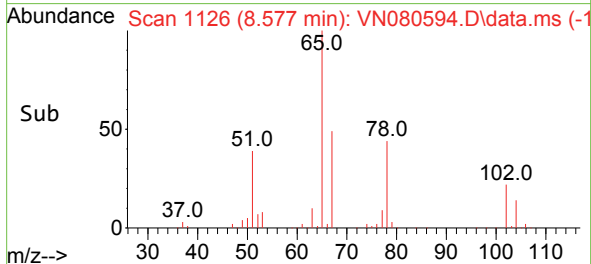
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



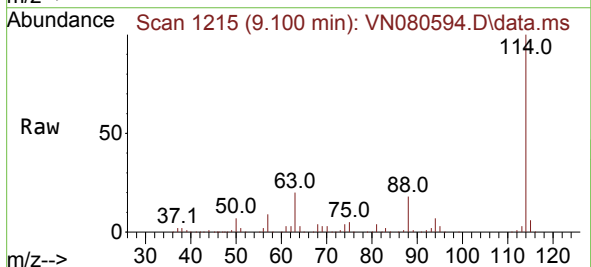
Tgt Ion: 65 Resp: 57698
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

Manual Integrations
APPROVED

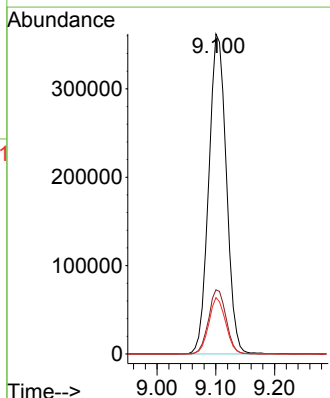
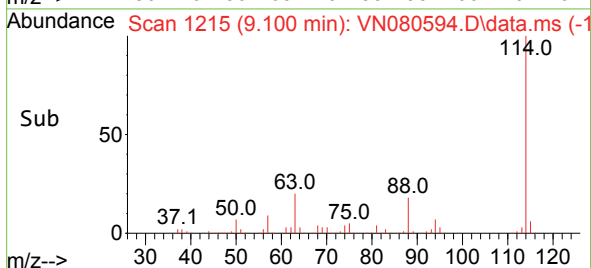
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

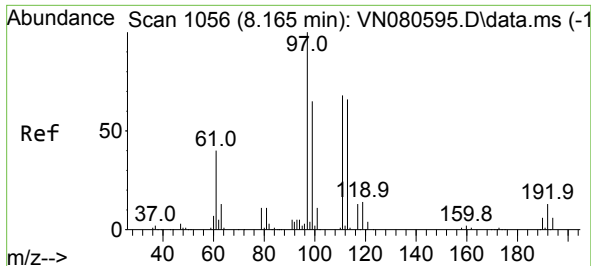


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



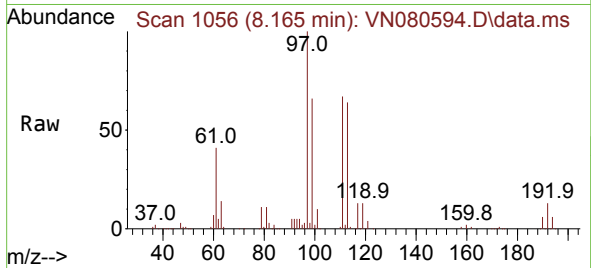
Tgt Ion:114 Resp: 752968
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 17.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 95.194 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

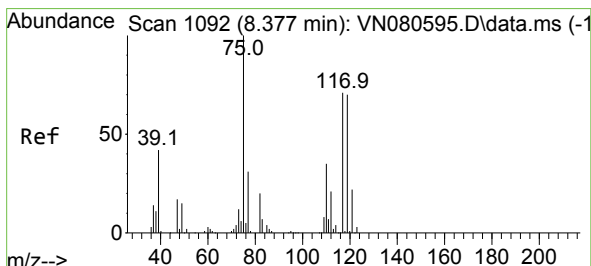
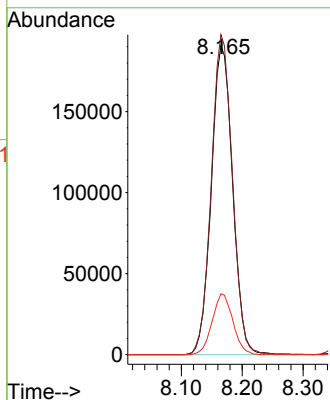
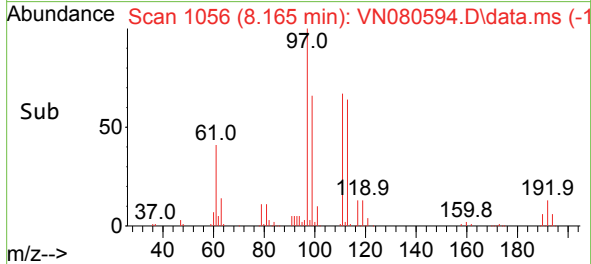
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 46358
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.1 12.7 19.1

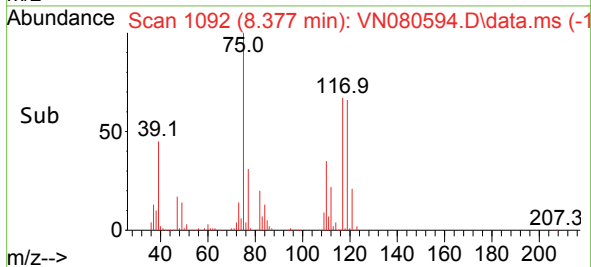
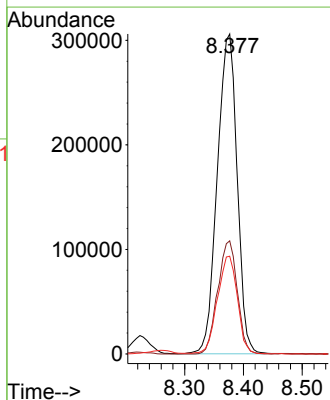
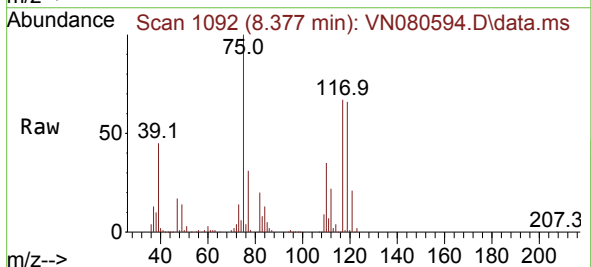
Manual Integrations
APPROVED

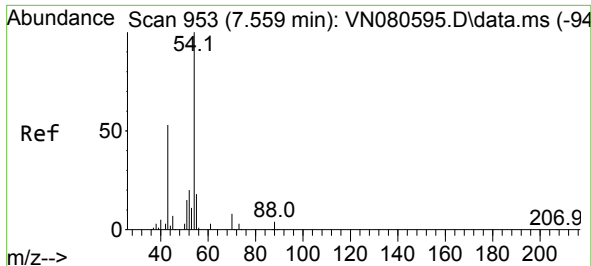
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#36
1,1-Dichloropropene
Concen: 95.884 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

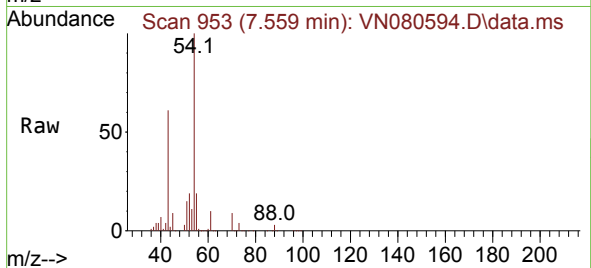
Tgt Ion: 75 Resp: 718638
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 86.859 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

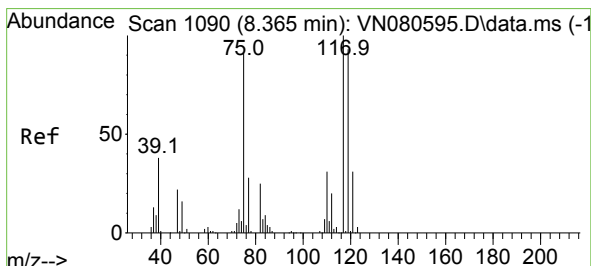
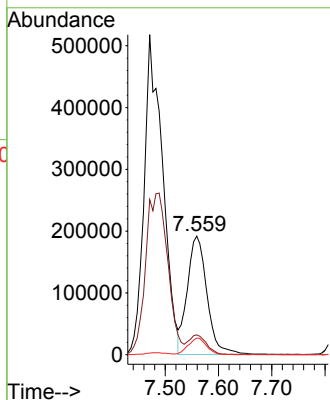
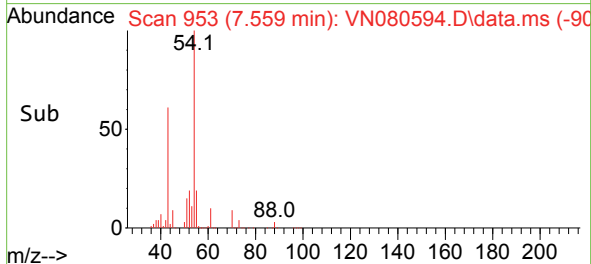
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 491215
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 13.0 11.3 16.9

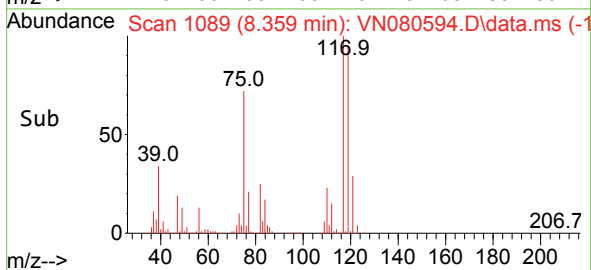
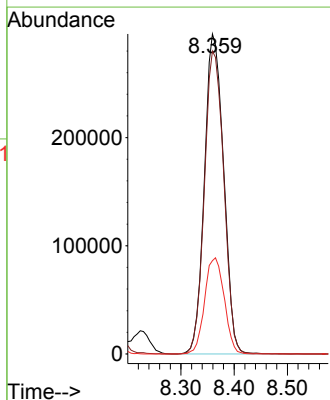
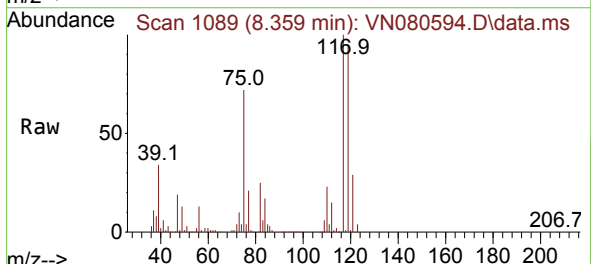
Manual Integrations
APPROVED

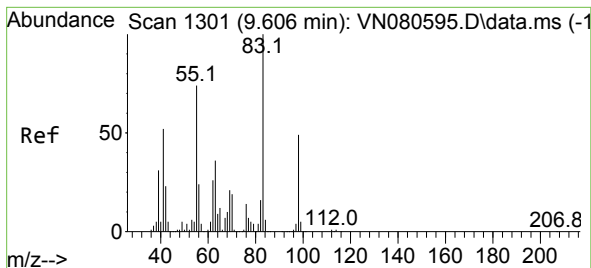
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#38
Carbon Tetrachloride
Concen: 96.570 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

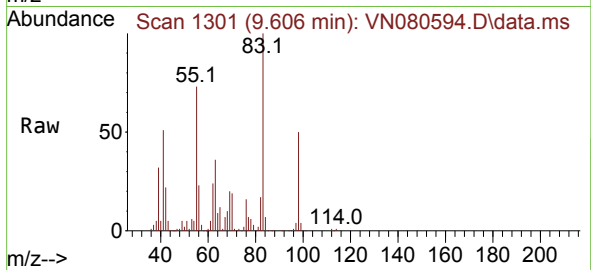
Tgt Ion:117 Resp: 740436
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 29.2 23.3 34.9





#39
Methylcyclohexane
Concen: 87.959 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

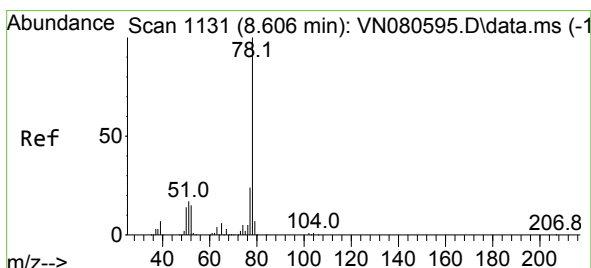
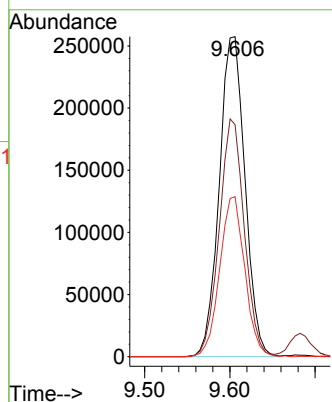
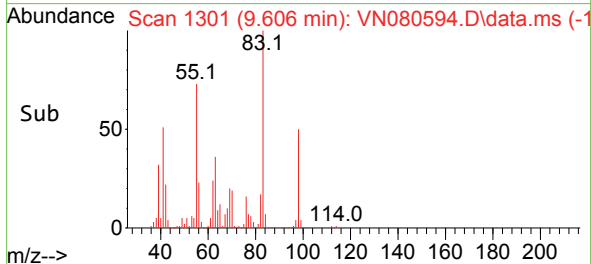
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 540710
Ion Ratio Lower Upper
83 100
55 72.5 49.1 73.7
98 50.0 40.6 61.0

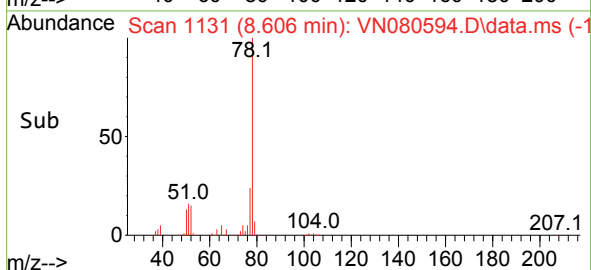
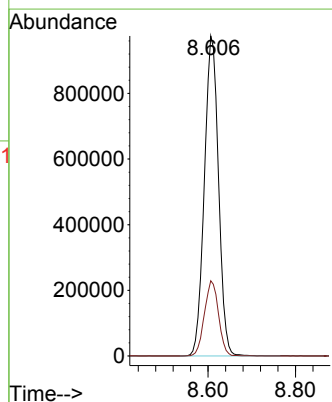
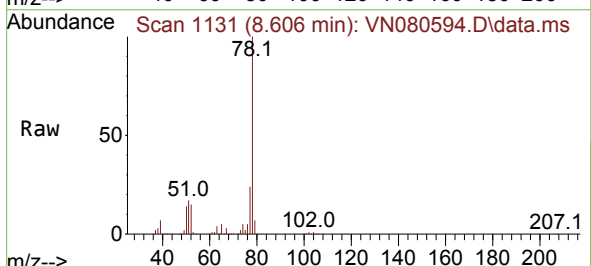
Manual Integrations
APPROVED

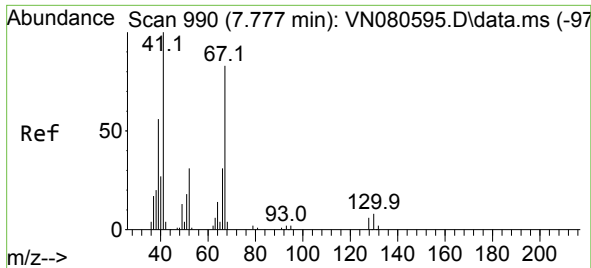
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 100.256 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

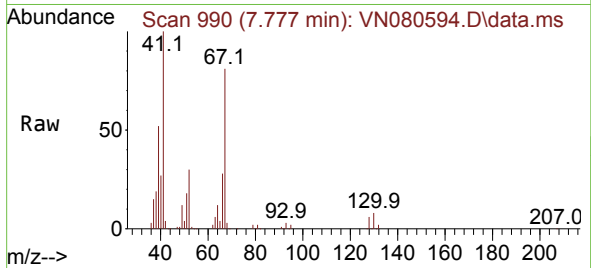
Tgt Ion: 78 Resp: 2199349
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 106.707 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

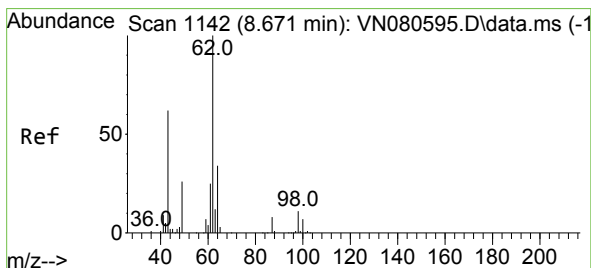
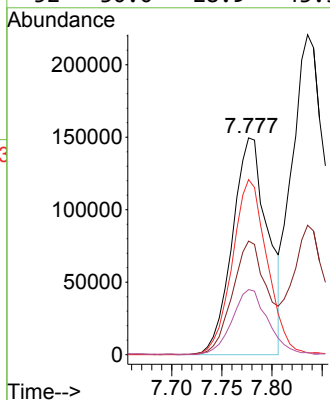
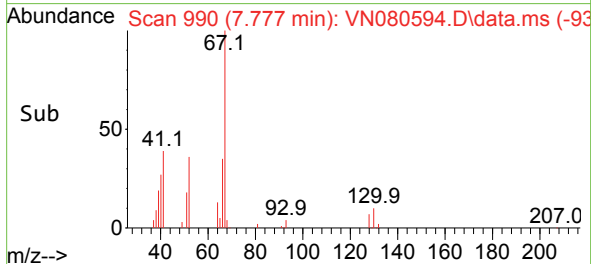
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 367572
Ion Ratio Lower Upper
41 100
39 51.5 42.6 64.0
67 80.1 77.5 116.3
52 30.0 28.9 43.3

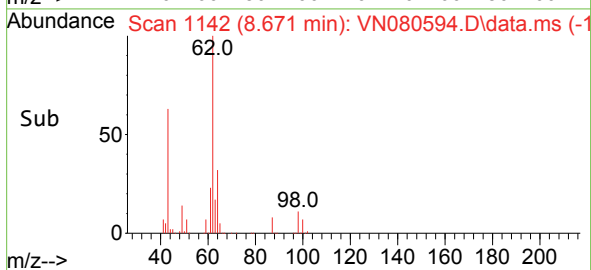
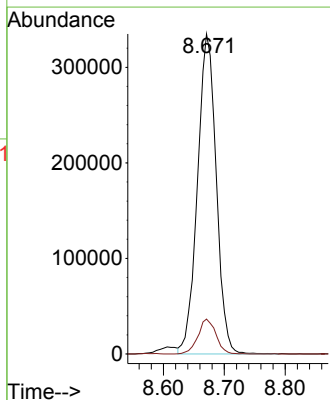
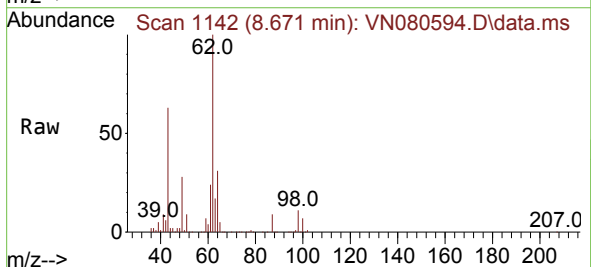
Manual Integrations
APPROVED

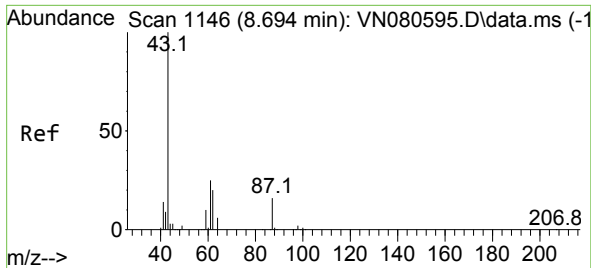
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#42
1,2-Dichloroethane
Concen: 103.405 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

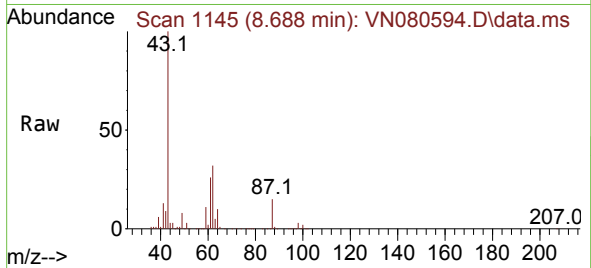
Tgt Ion: 62 Resp: 718083
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 107.990 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

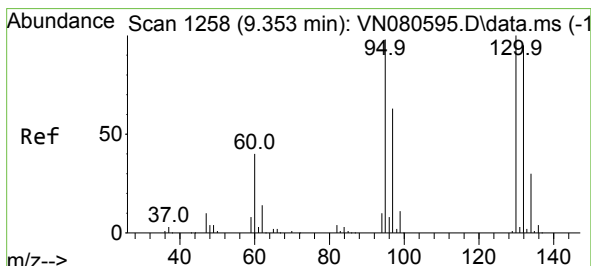
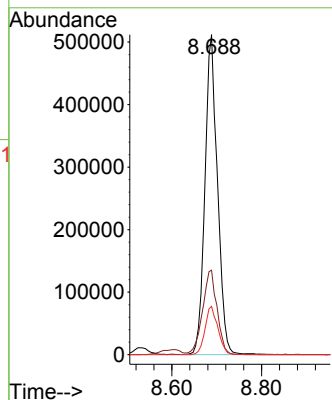
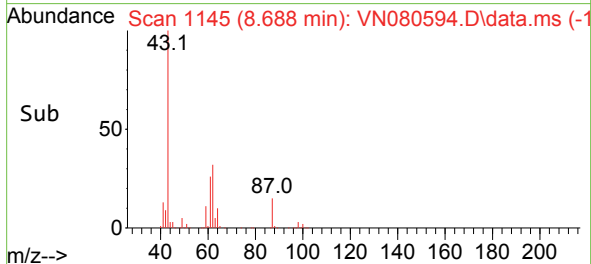
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 989884
Ion Ratio Lower Upper
43 100
61 30.5 24.7 37.1
87 15.5 14.6 21.8

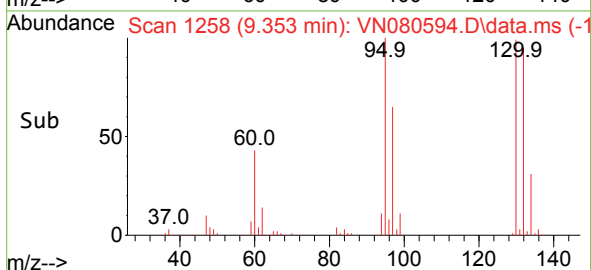
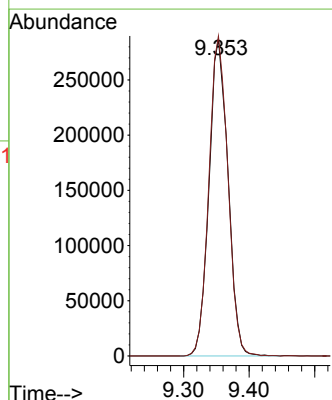
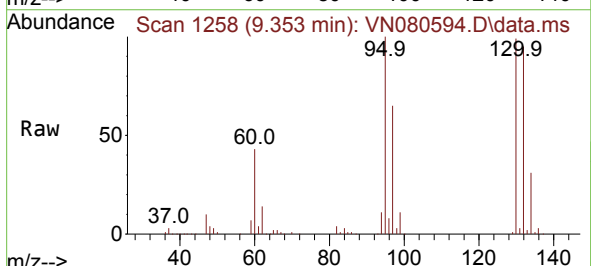
Manual Integrations
APPROVED

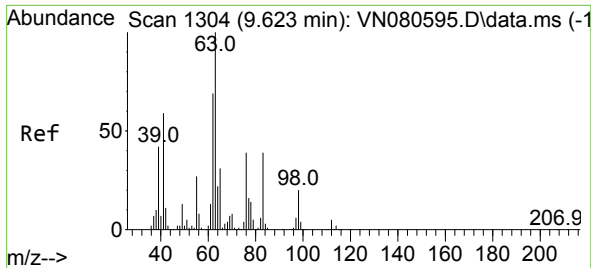
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#44
Trichloroethene
Concen: 103.032 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion:130 Resp: 576427
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 81.680 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 416052

Ion Ratio Lower Upper

63 100

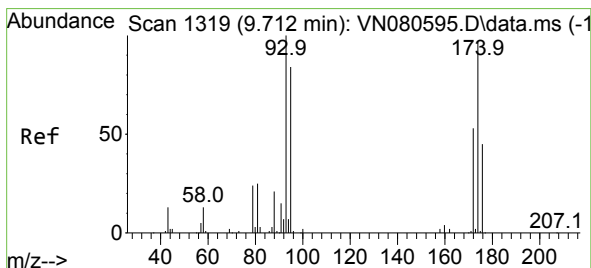
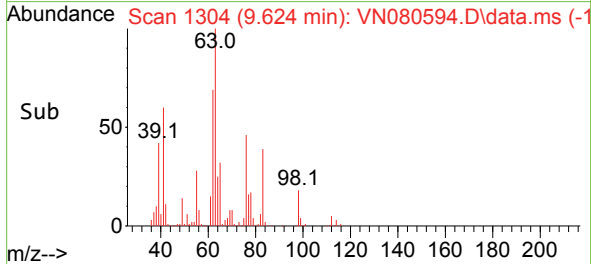
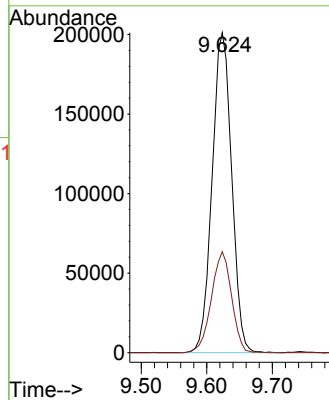
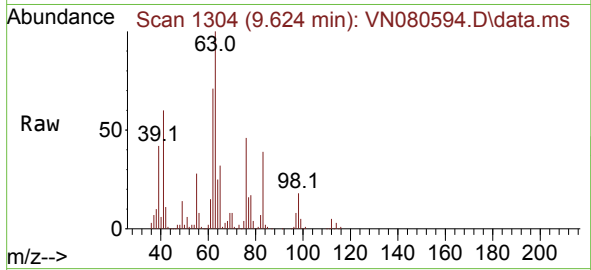
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#46

Dibromomethane

Concen: 80.764 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

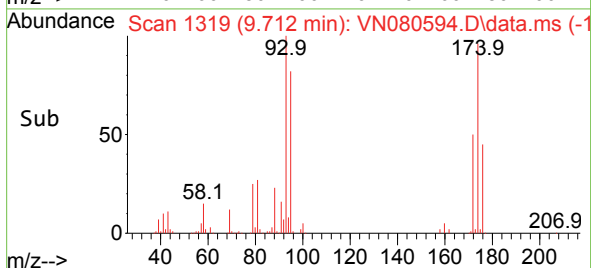
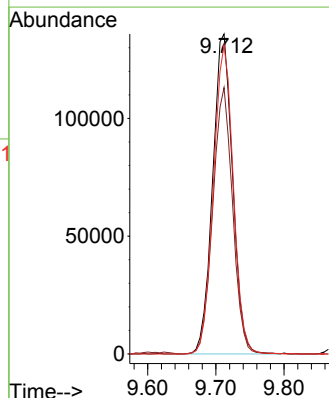
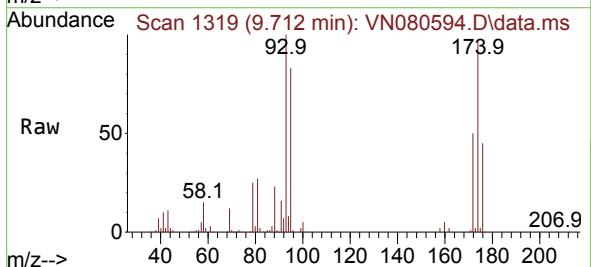
Tgt Ion: 93 Resp: 276783

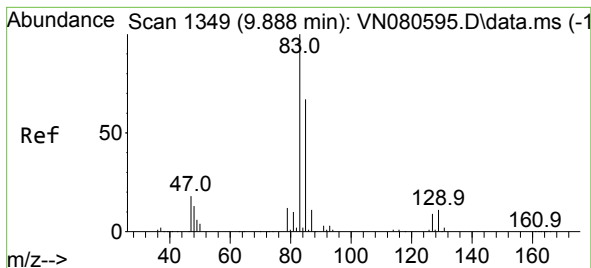
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

174 96.1 65.6 98.4





#47

Bromodichloromethane

Concen: 83.707 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

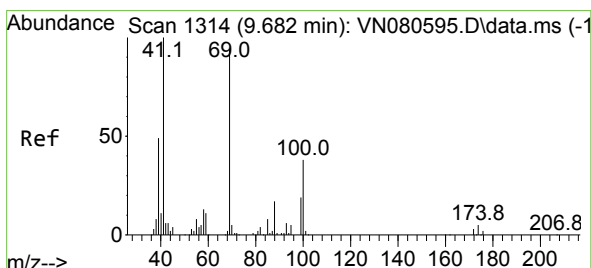
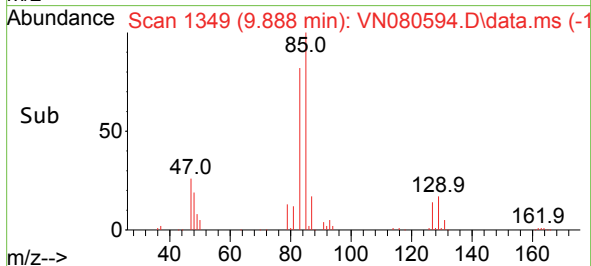
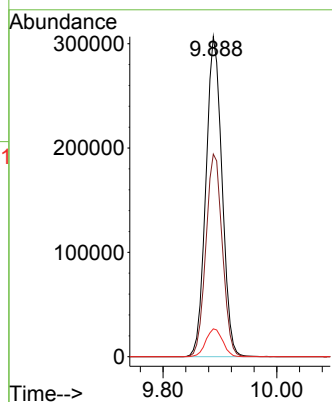
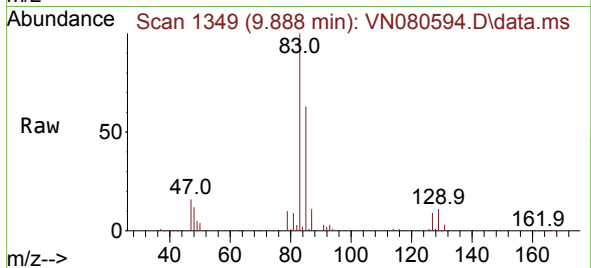
Tgt Ion:	83	Resp:	601319
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.6	74.4
127	8.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#48

Methyl methacrylate

Concen: 83.481 ug/l

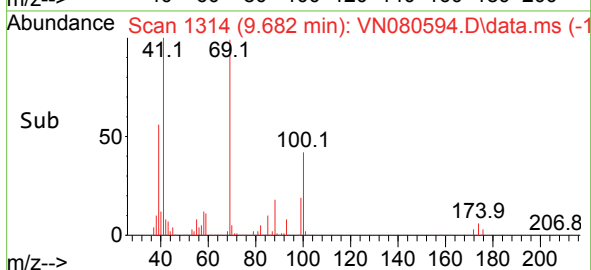
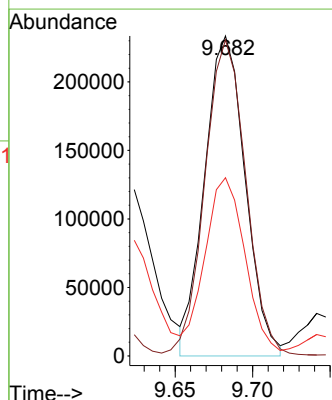
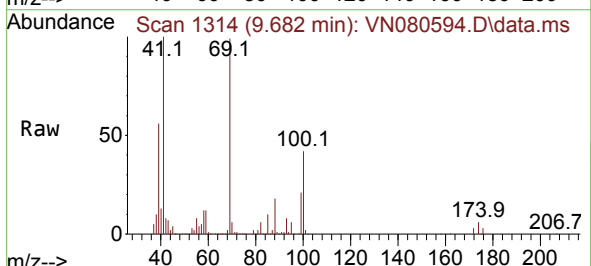
RT: 9.682 min Scan# 1314

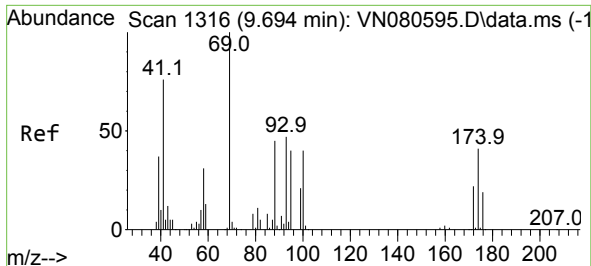
Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Tgt Ion:	41	Resp:	424886
Ion Ratio	Lower	Upper	
41	100		
69	100.2	90.4	135.6
39	55.9	54.6	81.8





#49

1,4-Dioxane

Concen: 1679.106 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 136590

Ion Ratio Lower Upper

88 100

43 25.5 17.0 25.6

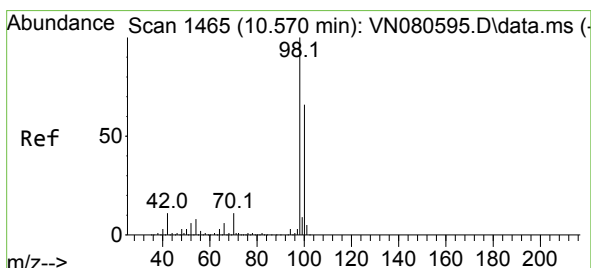
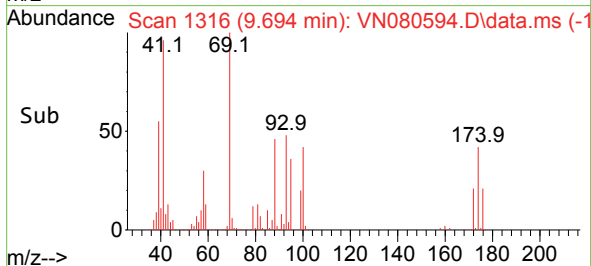
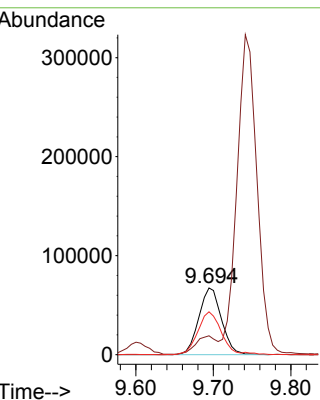
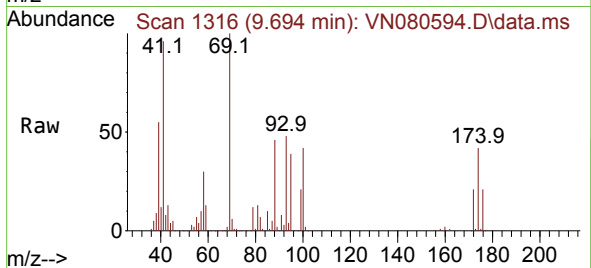
58 67.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#50

Toluene-d8

Concen: 90.376 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080594.D

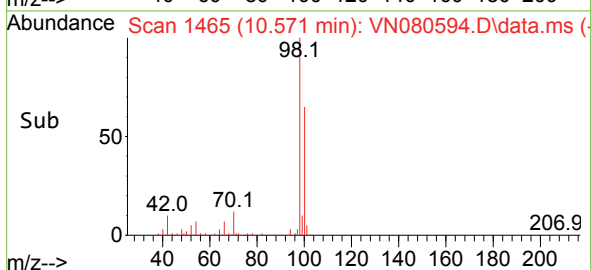
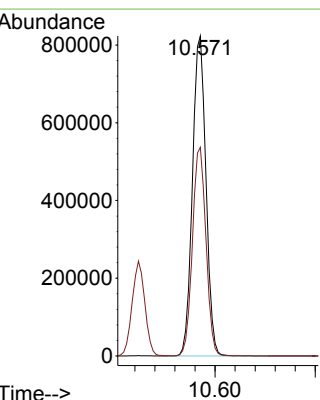
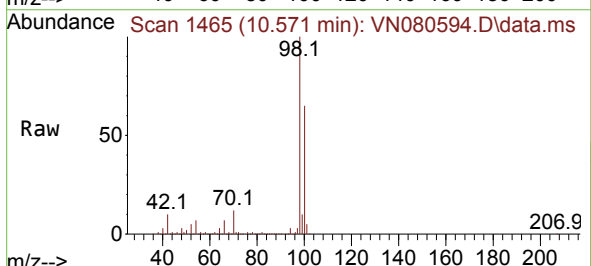
Acq: 27 Dec 2023 11:24

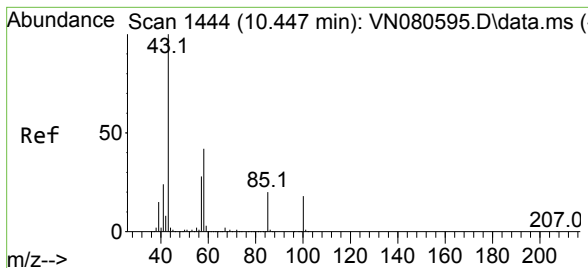
Tgt Ion: 98 Resp: 1536684

Ion Ratio Lower Upper

98 100

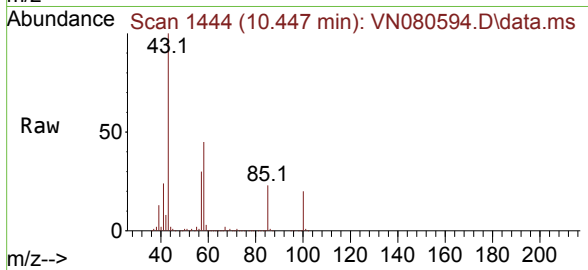
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 412.483 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

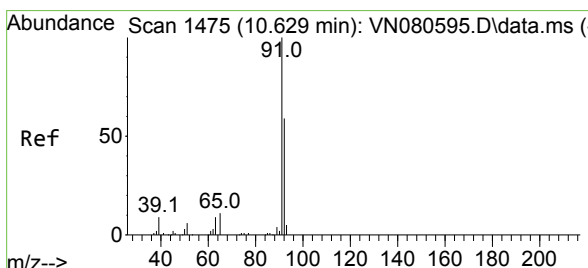
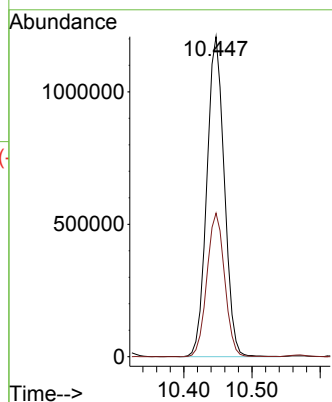
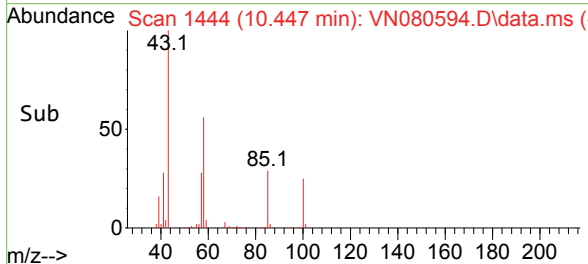
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 215050
Ion Ratio Lower Upper
43 100
58 45.6 36.6 54.8

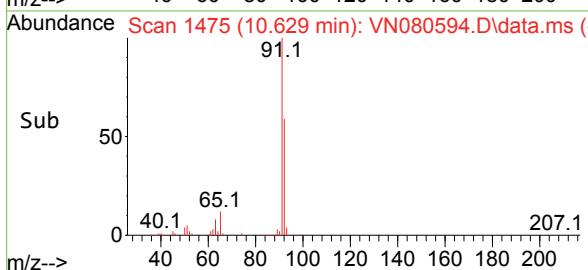
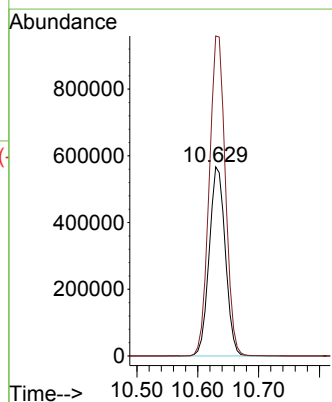
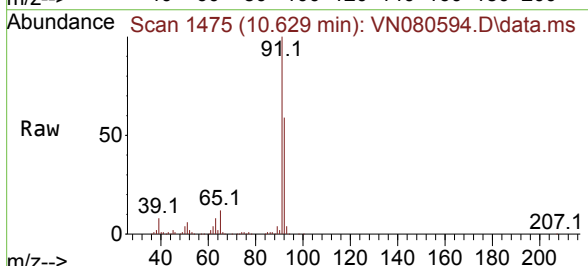
Manual Integrations
APPROVED

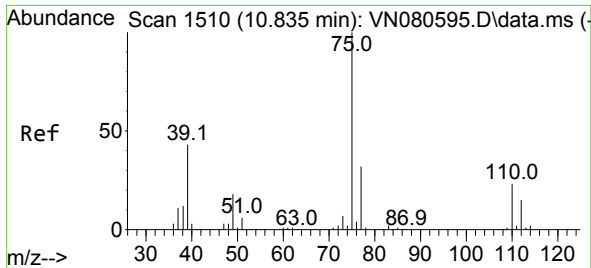
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 87.356 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

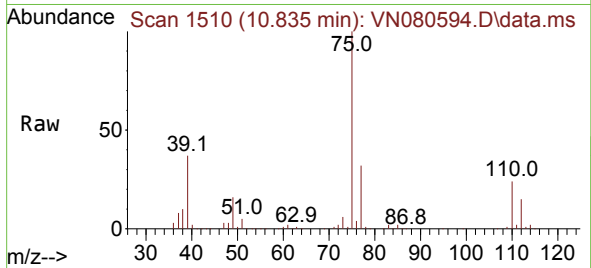
Tgt Ion: 92 Resp: 1040998
Ion Ratio Lower Upper
92 100
91 169.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 92.593 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

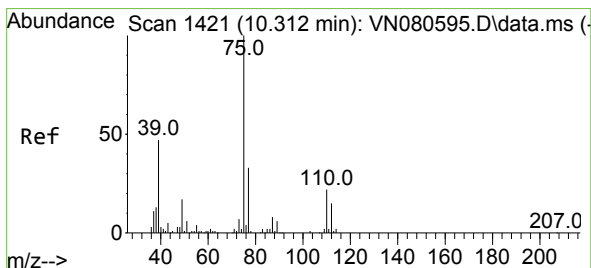
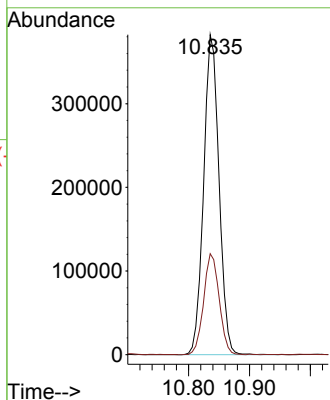
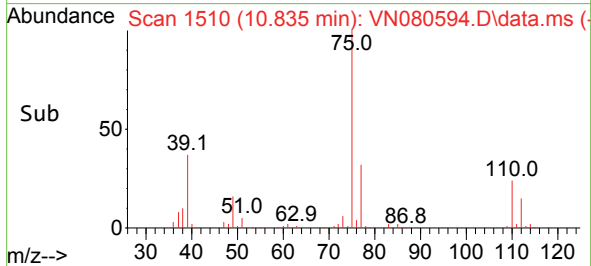
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



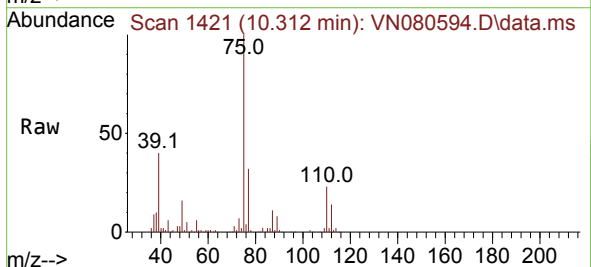
Tgt Ion: 75 Resp: 67057
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations
APPROVED

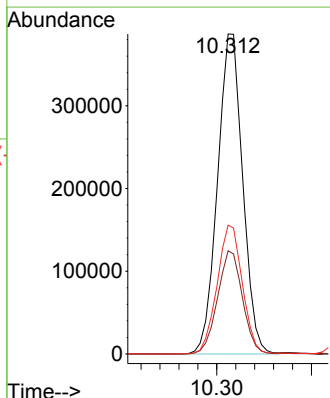
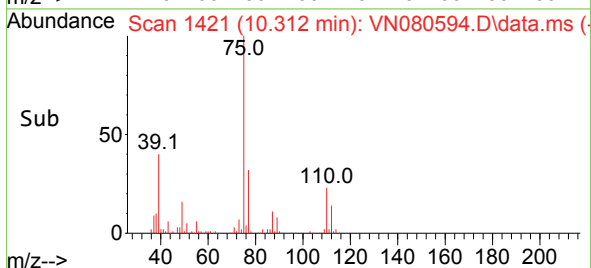
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

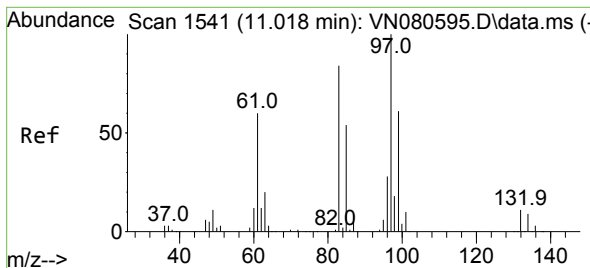


#54
cis-1,3-Dichloropropene
Concen: 88.128 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



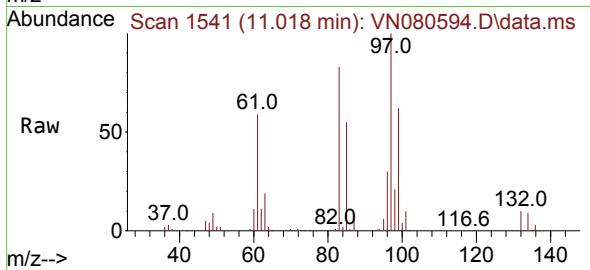
Tgt Ion: 75 Resp: 714308
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
39 40.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 86.172 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

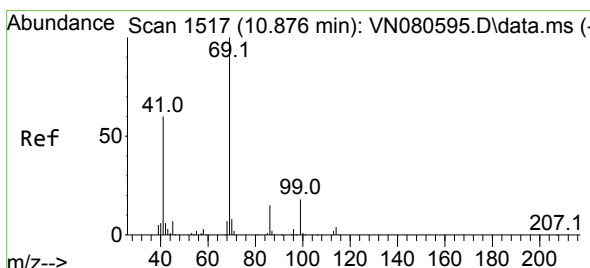
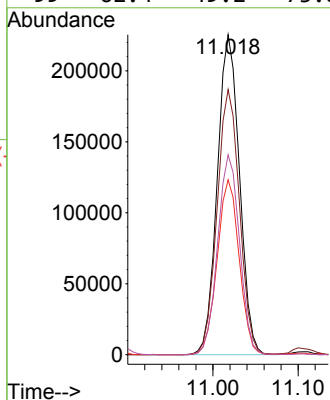
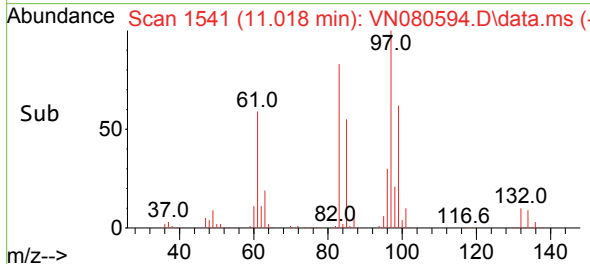
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:	97	Resp:	407329
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.1	97.7
85	54.6	43.4	65.2
99	62.4	49.2	73.8

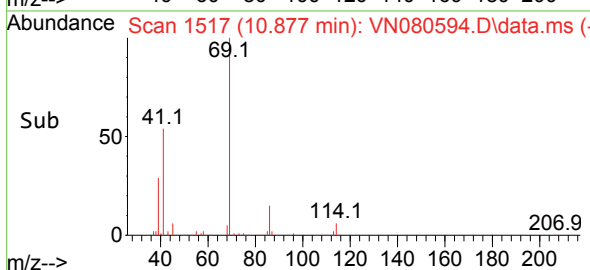
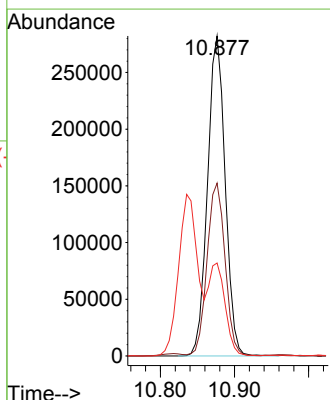
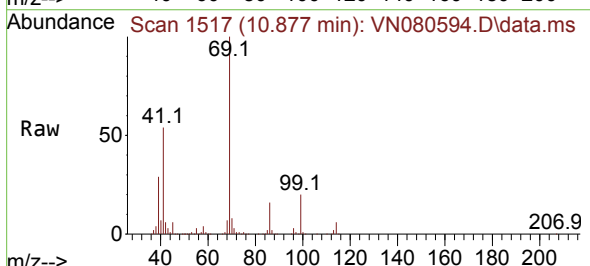
Manual Integrations
APPROVED

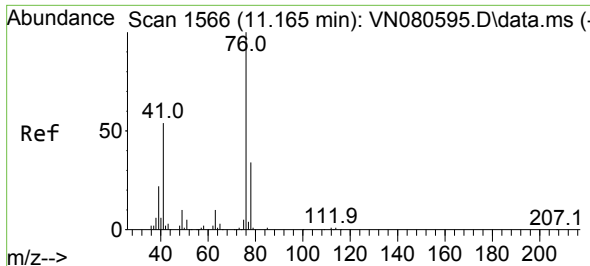
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#56
Ethyl methacrylate
Concen: 100.714 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion:	69	Resp:	466317
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.6	59.4
39	27.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 87.969 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 704540

Ion Ratio Lower Upper

76 100

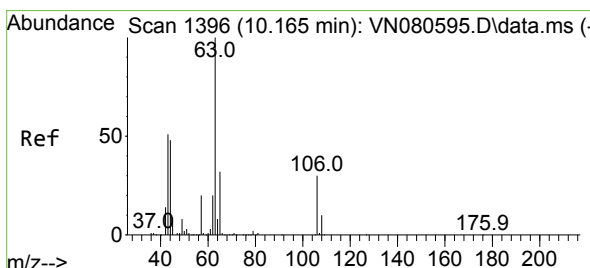
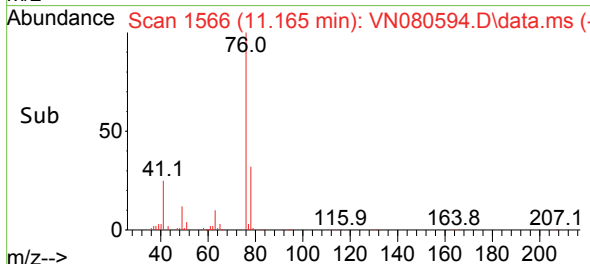
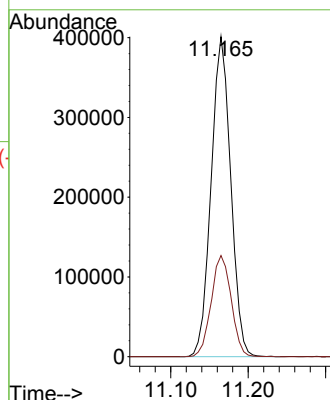
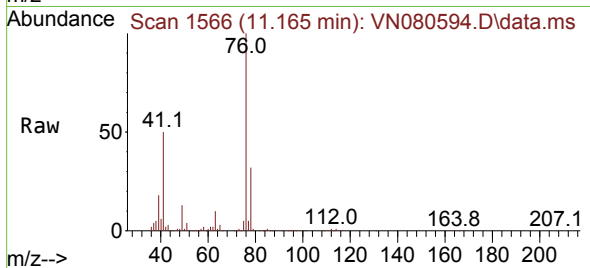
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 504.228 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080594.D

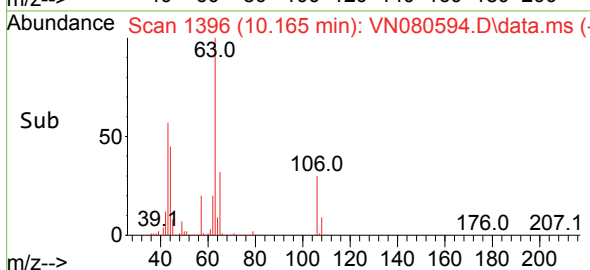
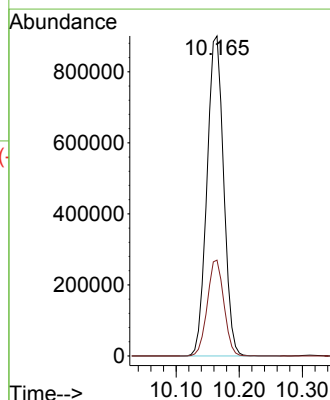
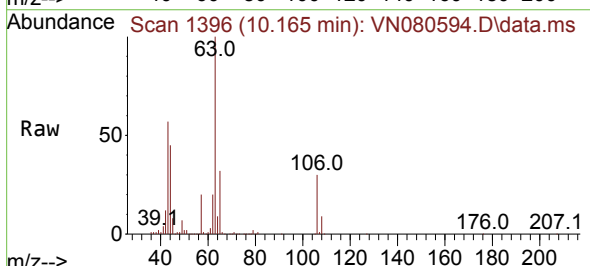
Acq: 27 Dec 2023 11:24

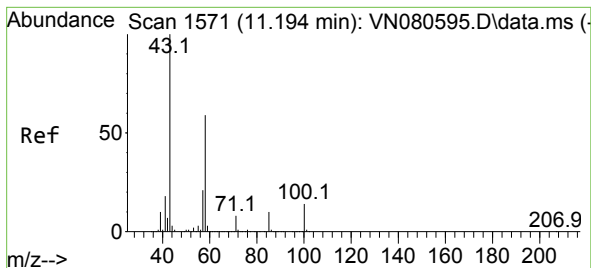
Tgt Ion: 63 Resp: 1648678

Ion Ratio Lower Upper

63 100

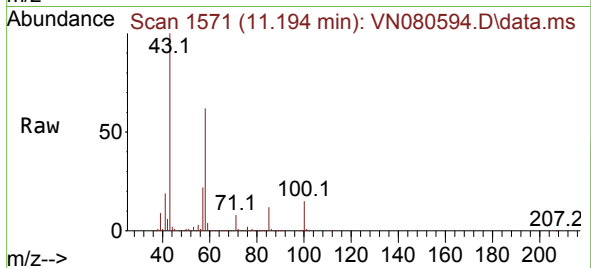
106 29.8 26.2 39.4





#59
2-Hexanone
Concen: 417.134 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

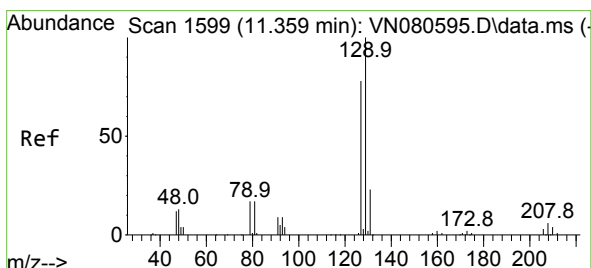
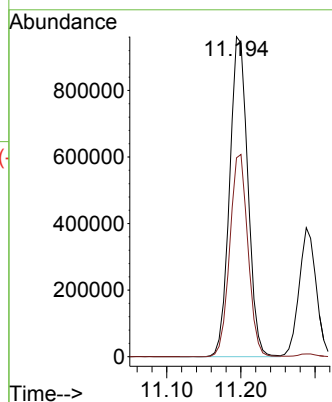
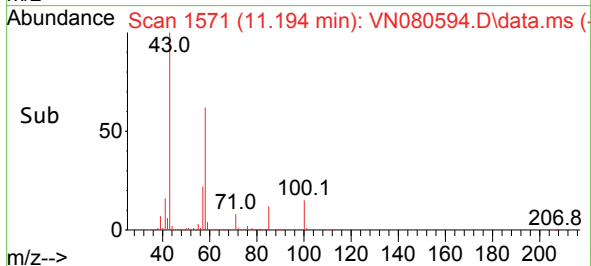
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1639108
Ion Ratio Lower Upper
43 100
58 63.0 31.7 95.1

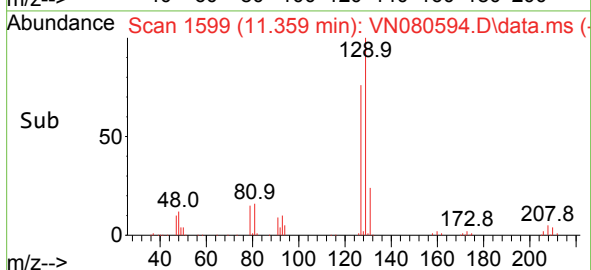
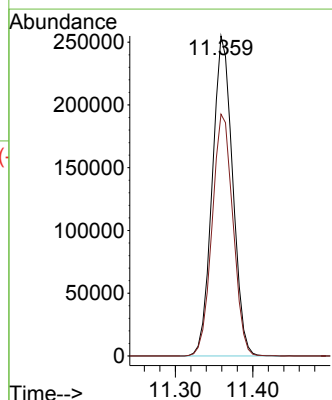
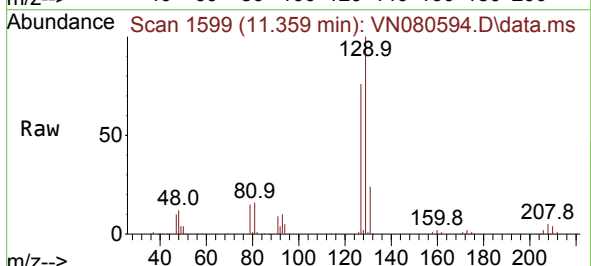
Manual Integrations
APPROVED

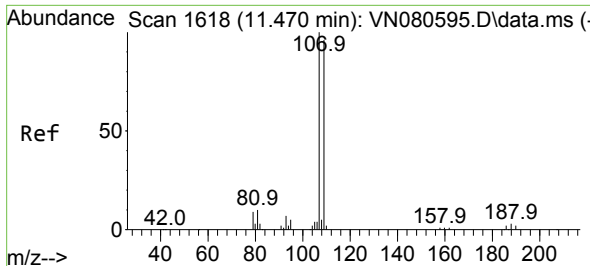
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#60
Dibromochloromethane
Concen: 88.257 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

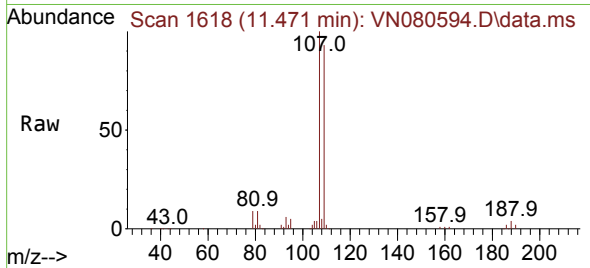
Tgt Ion:129 Resp: 464558
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 85.956 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

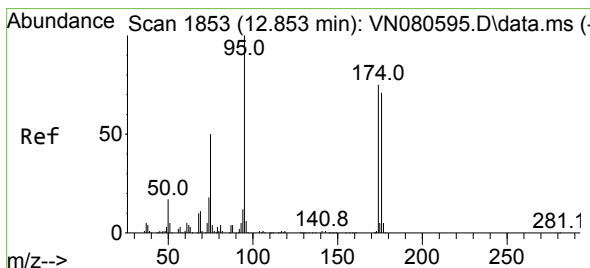
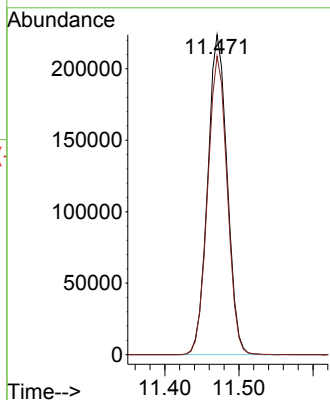
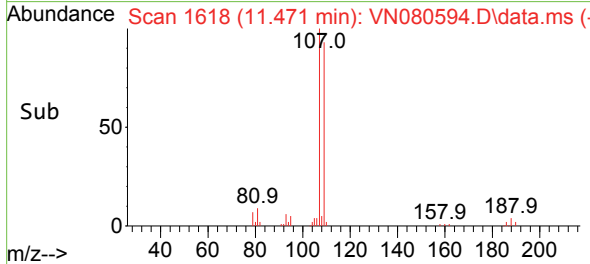
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 40967
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

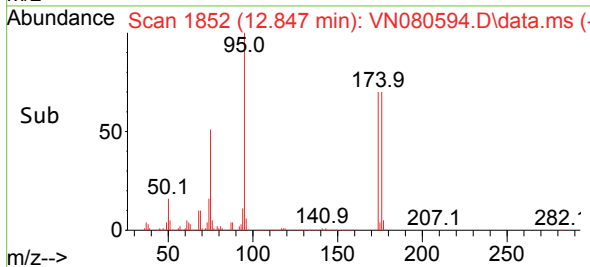
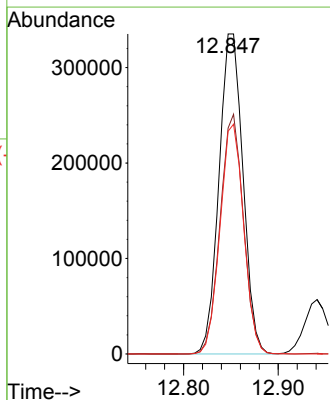
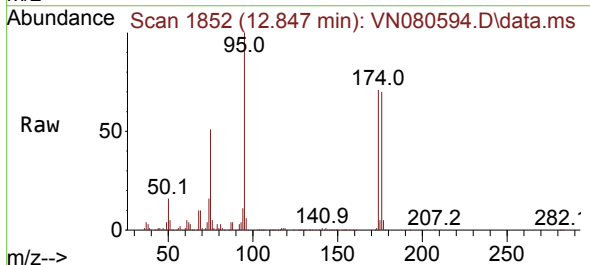
Manual Integrations
APPROVED

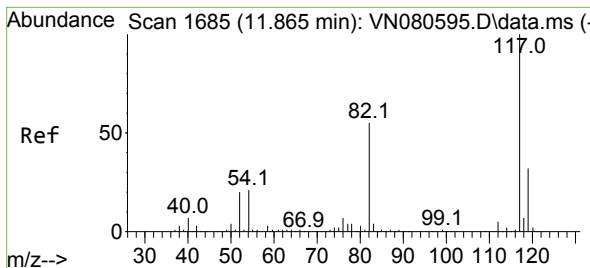
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#62
4-Bromofluorobenzene
Concen: 103.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion: 95 Resp: 590520
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 70.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 545498

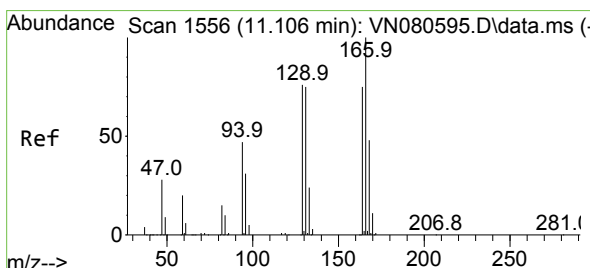
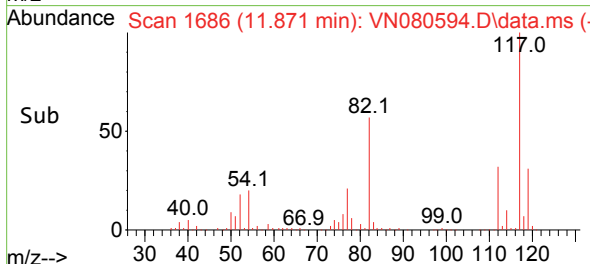
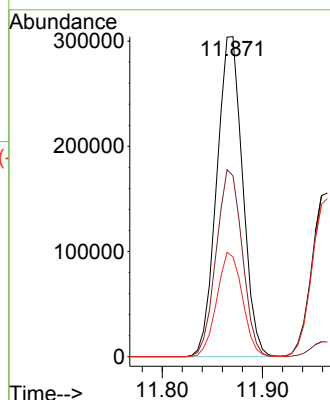
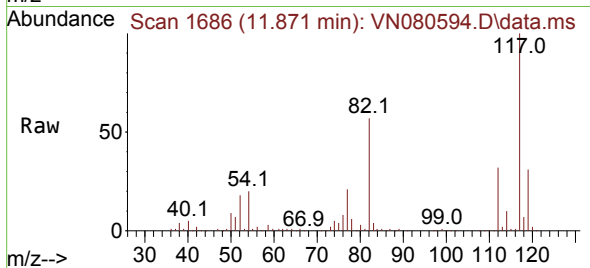
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.0	66.0
119	31.2	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#64

Tetrachloroethene

Concen: 95.753 ug/l

RT: 11.106 min Scan# 1556

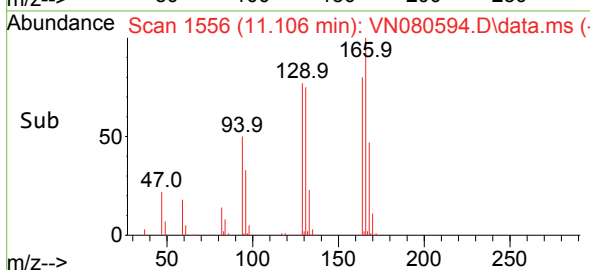
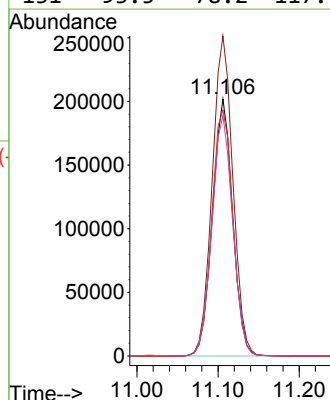
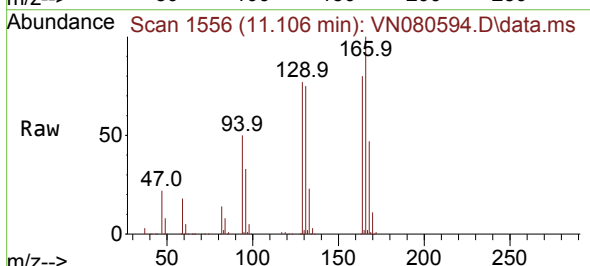
Delta R.T. 0.000 min

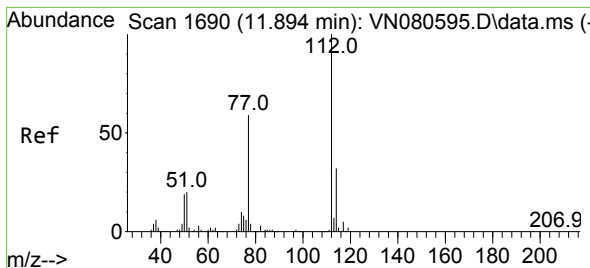
Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Tgt Ion:164 Resp: 349022

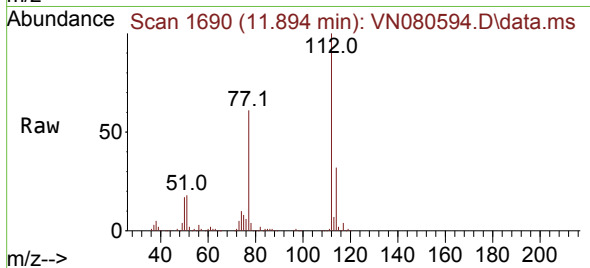
Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.4	152.0
129	95.8	82.4	123.6
131	93.5	78.2	117.4





#65
Chlorobenzene
Concen: 98.108 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

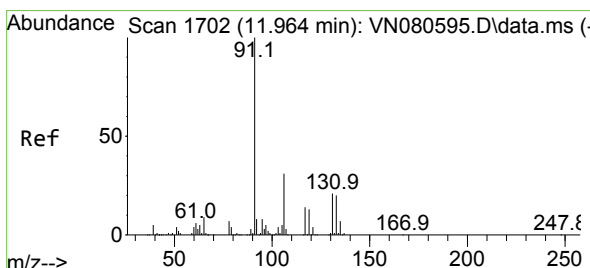
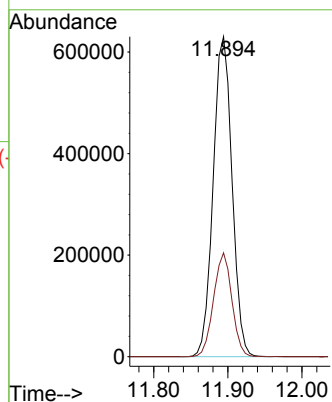
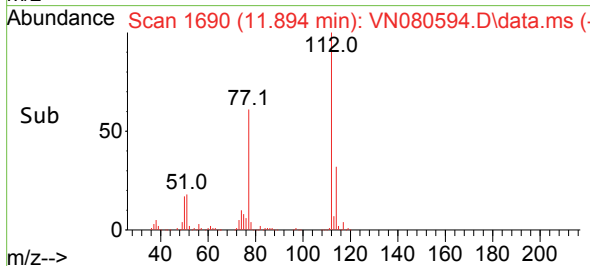
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



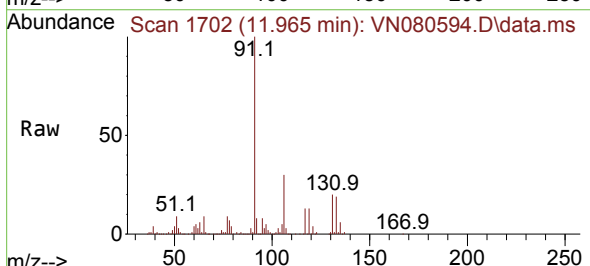
Tgt Ion:112 Resp: 111333
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

Manual Integrations
APPROVED

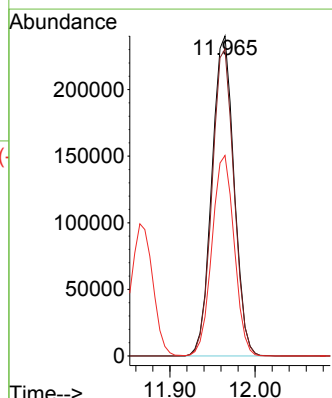
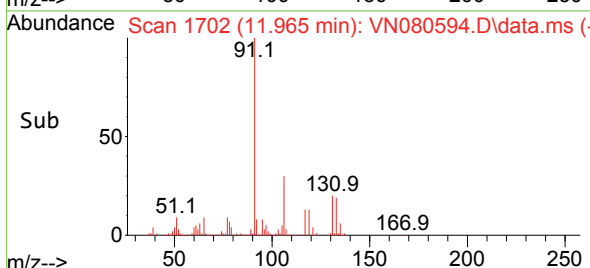
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

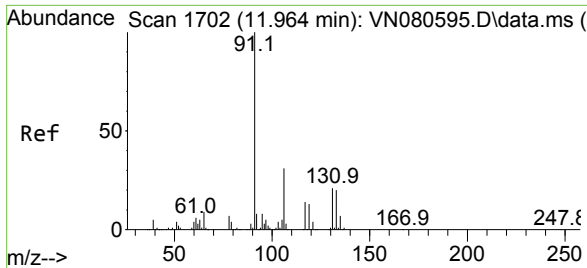


#66
1,1,1,2-Tetrachloroethane
Concen: 99.472 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



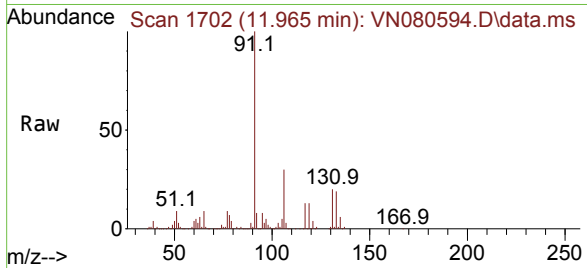
Tgt Ion:131 Resp: 434209
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 62.8 34.1 102.2





#67
Ethyl Benzene
Concen: 105.301 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

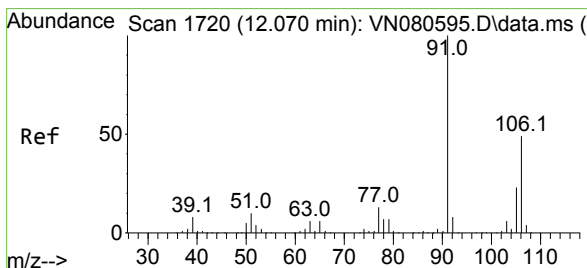
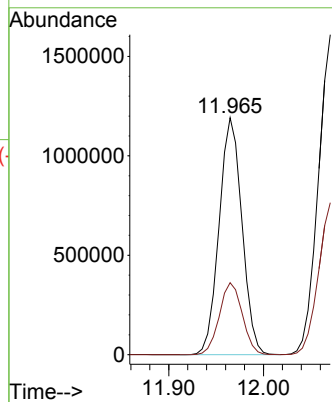
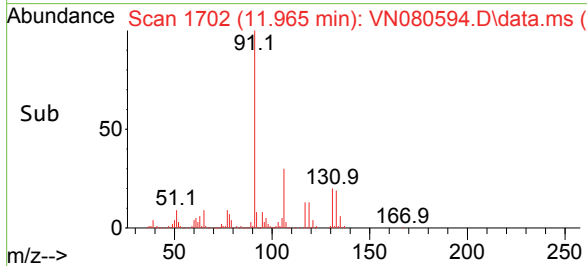
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



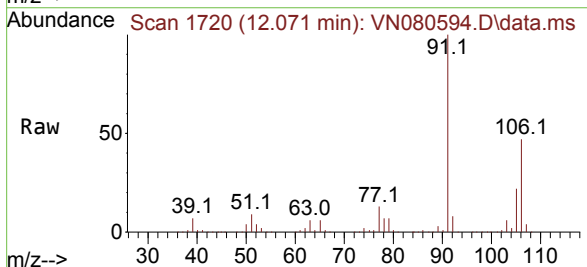
Tgt Ion: 91 Resp: 1997736
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

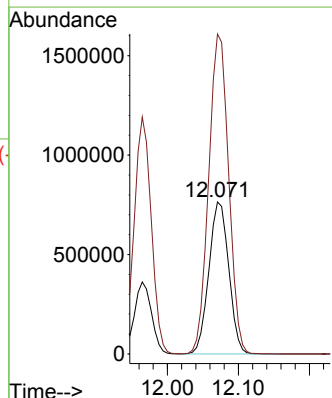
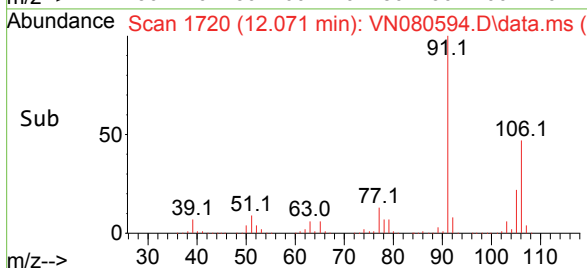
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

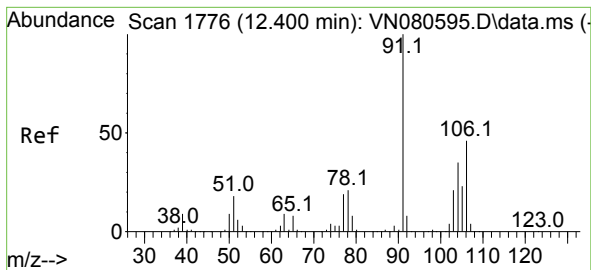


#68
m/p-Xylenes
Concen: 211.202 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



Tgt Ion:106 Resp: 1486736
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4





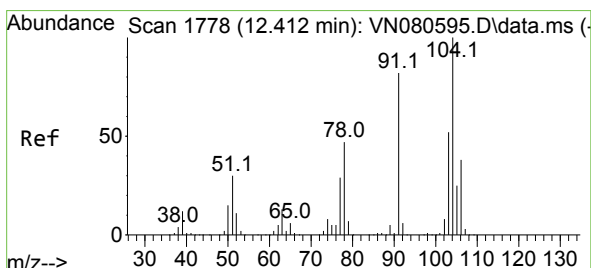
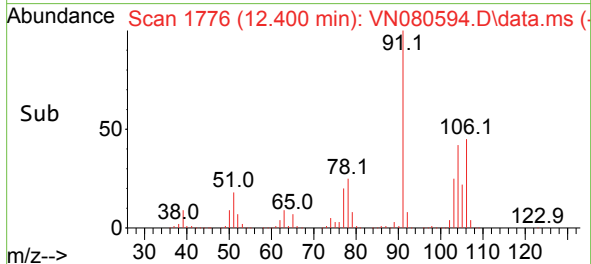
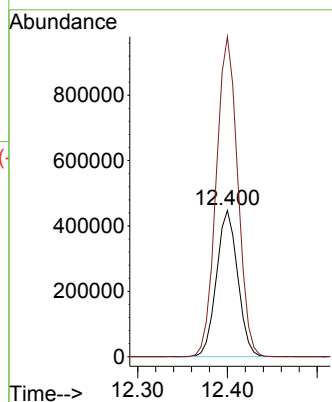
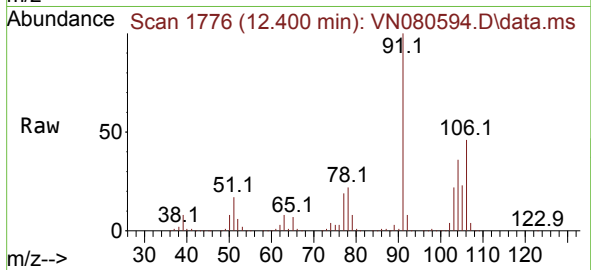
#69
o-Xylene
Concen: 106.237 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 734485
Ion Ratio Lower Upper
106 100
91 222.1 105.2 315.5

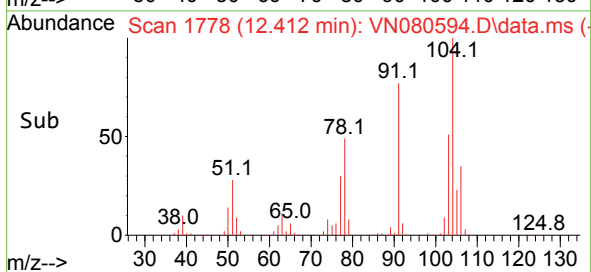
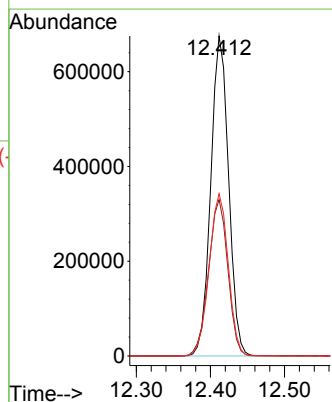
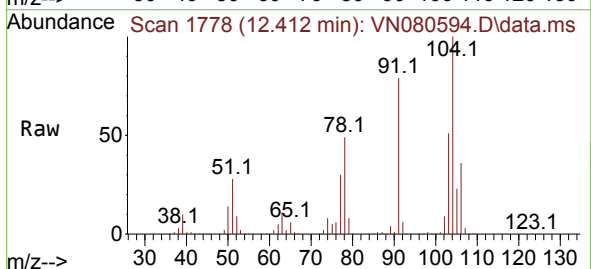
Manual Integrations
APPROVED

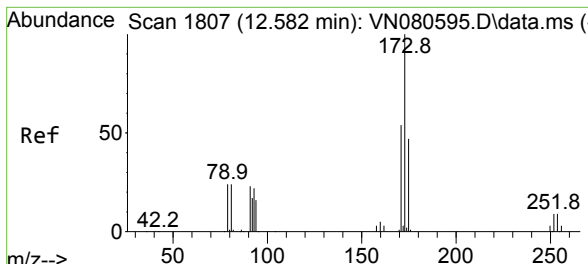
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 112.307 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

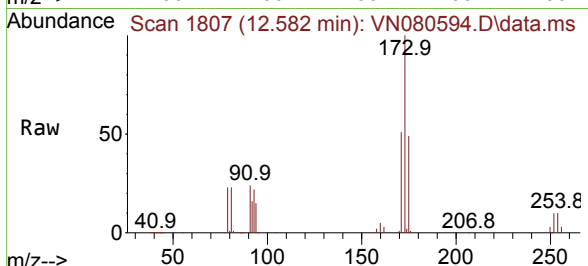
Tgt Ion:104 Resp: 1129126
Ion Ratio Lower Upper
104 100
78 52.9 39.5 59.3
103 54.5 43.2 64.8





#71
 Bromoform
 Concen: 105.484 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

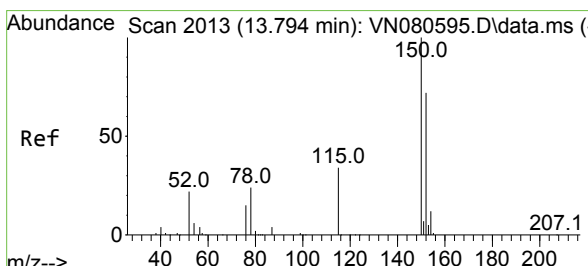
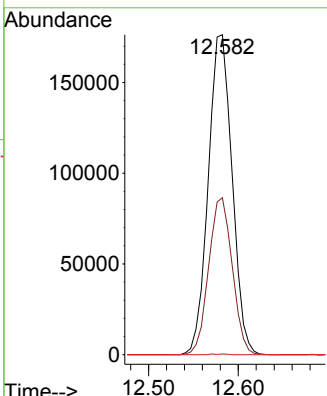
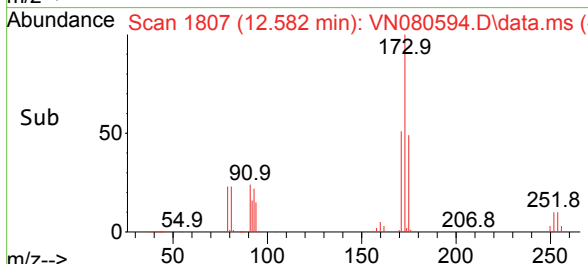
Instrument : MSVOA_N
 ClientSampleId : VSTDIC100



Tgt Ion:	173	Resp:	32572
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	73.0
254	0.2	0.0	0.0

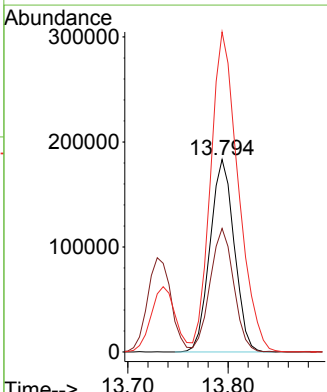
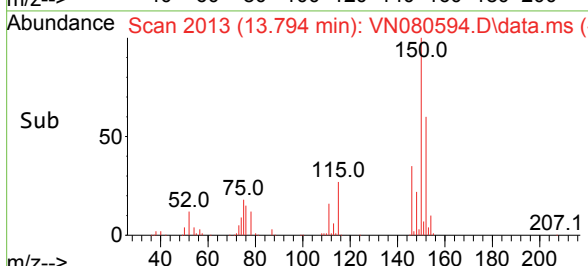
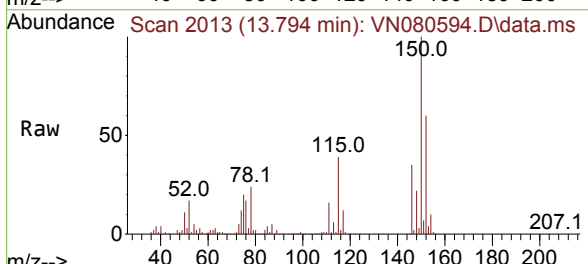
Manual Integrations
 APPROVED

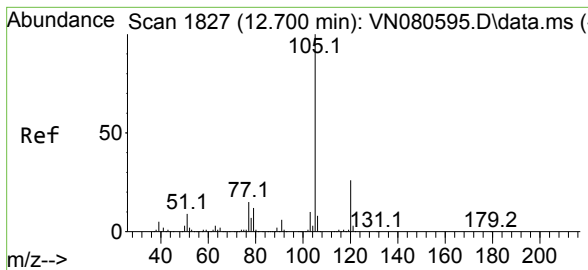
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

Tgt Ion:	152	Resp:	307840
Ion Ratio	Lower	Upper	
152	100		
115	62.3	32.3	96.8
150	189.1	0.0	355.8





#73

Isopropylbenzene

Concen: 90.702 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 1911060

Ion Ratio Lower Upper

105 100

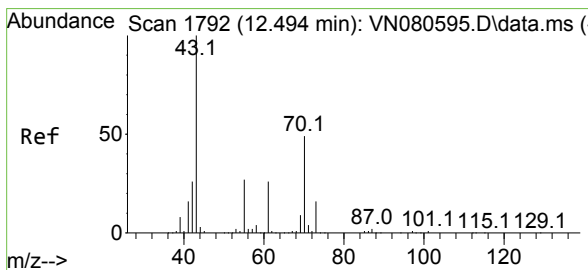
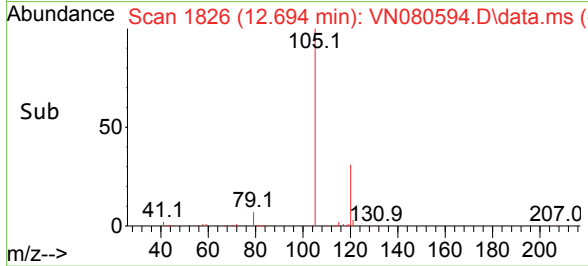
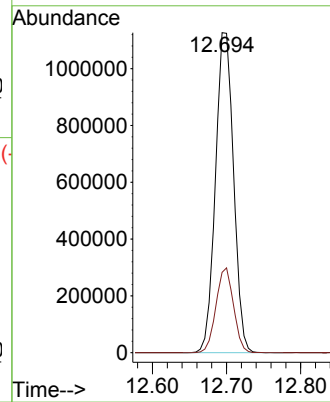
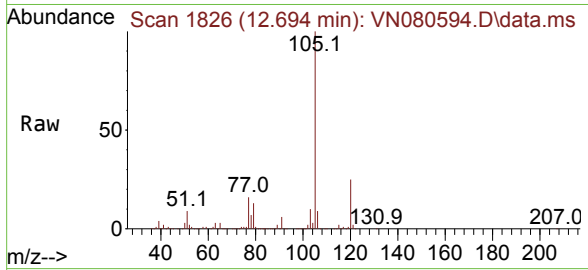
120 25.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#74

N-amy1 acetate

Concen: 87.508 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Tgt Ion: 43 Resp: 650463

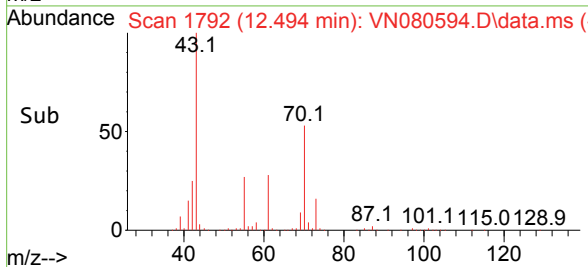
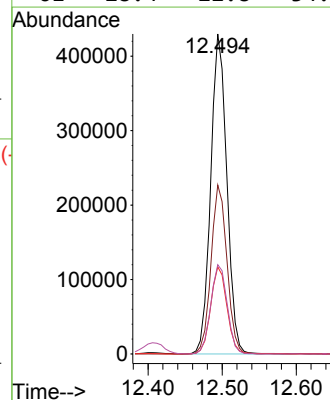
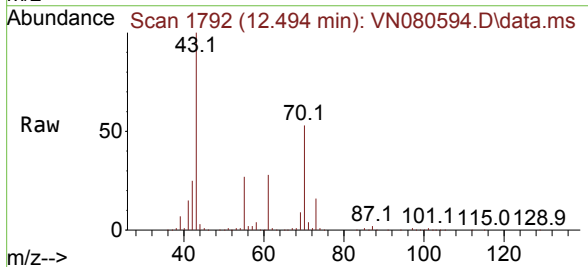
Ion Ratio Lower Upper

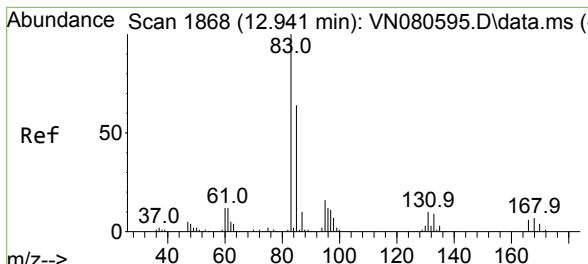
43 100

70 52.2 43.4 65.2

55 27.6 21.4 32.0

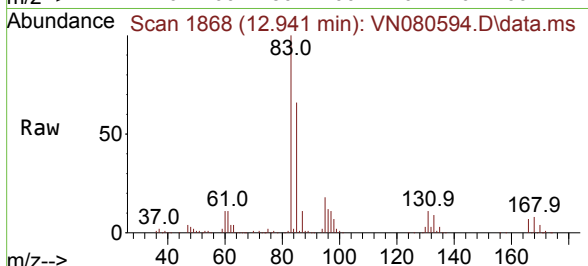
61 28.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 79.644 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

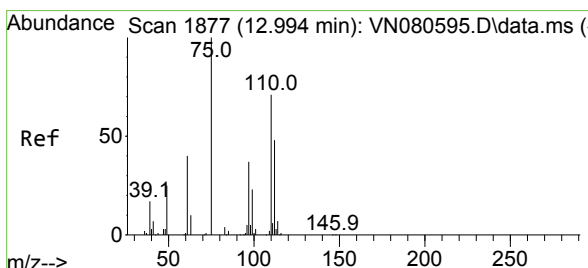
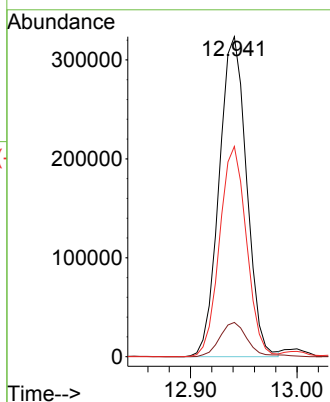
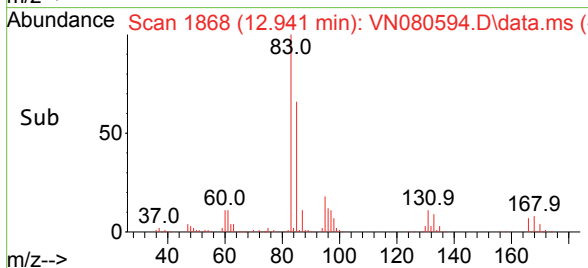
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



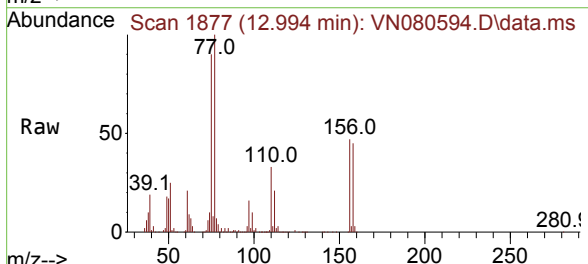
Tgt Ion: 83 Resp: 579099
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
APPROVED

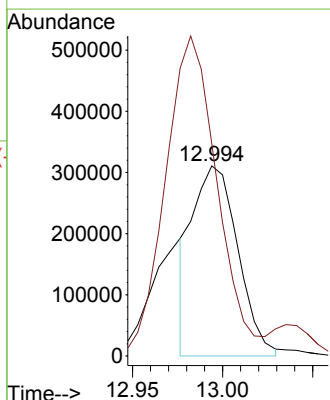
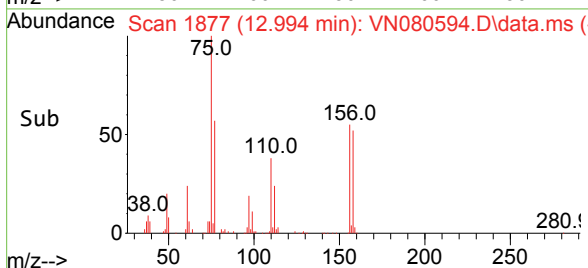
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

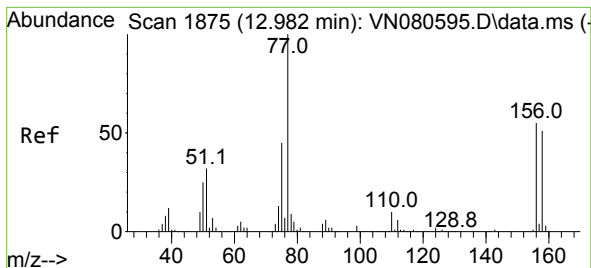


#76
1,2,3-Trichloropropane
Concen: 81.830 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



Tgt Ion: 75 Resp: 541808
Ion Ratio Lower Upper
75 100
77 193.7 84.5 253.5





#77

Bromobenzene

Concen: 85.462 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

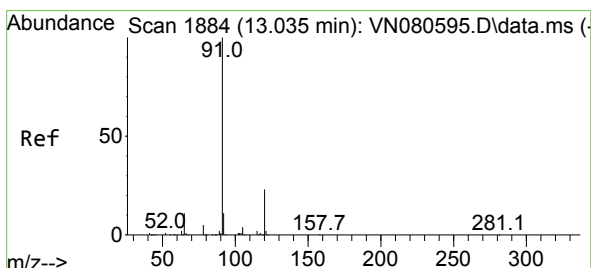
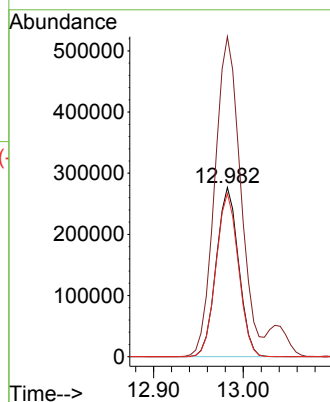
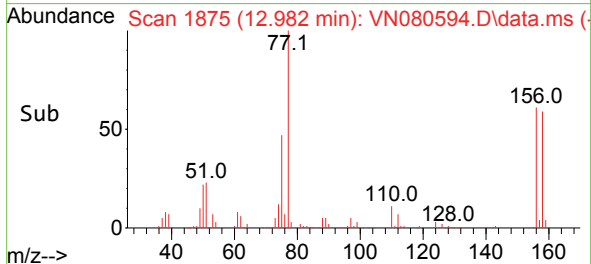
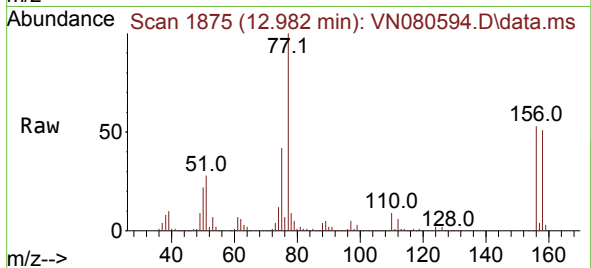
Tgt Ion:156 Resp: 478245
 Ion Ratio Lower Upper
 156 100
 77 219.4 107.7 323.3
 158 96.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#78

n-propylbenzene

Concen: 94.652 ug/l

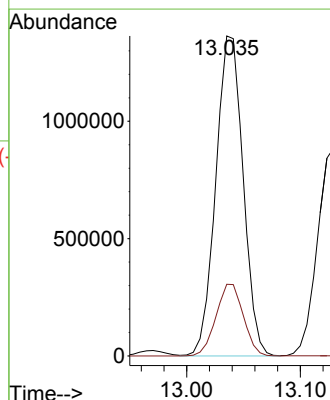
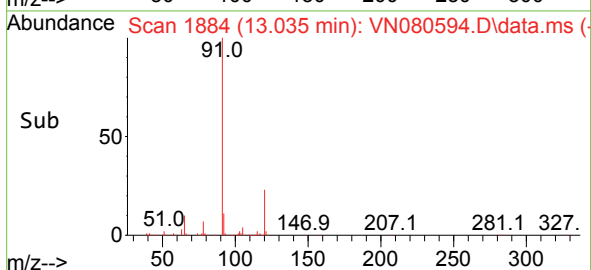
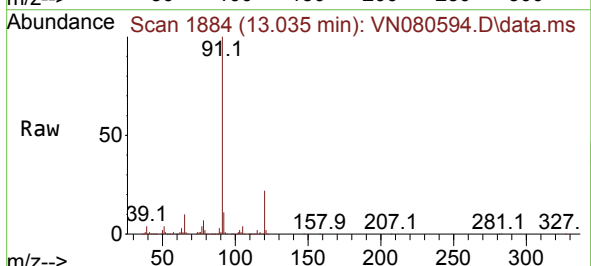
RT: 13.035 min Scan# 1884

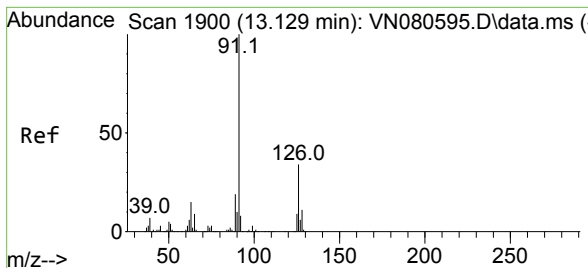
Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

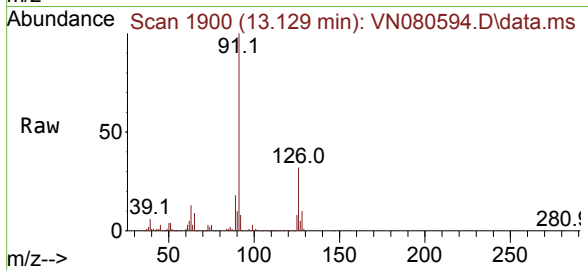
Tgt Ion: 91 Resp: 2280600
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 96.519 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

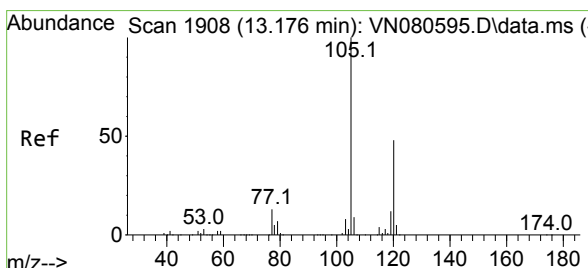
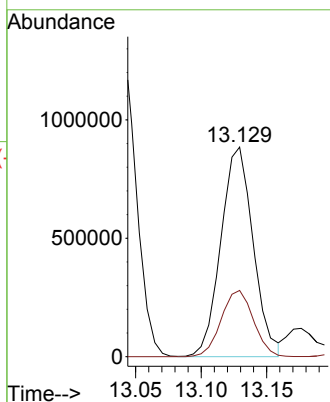
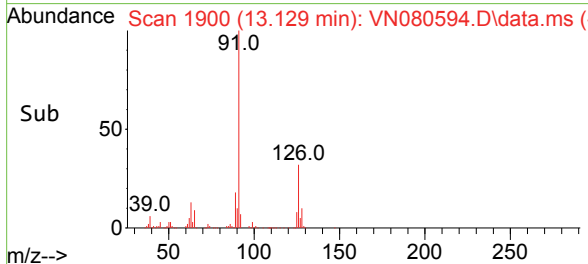
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1518220
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

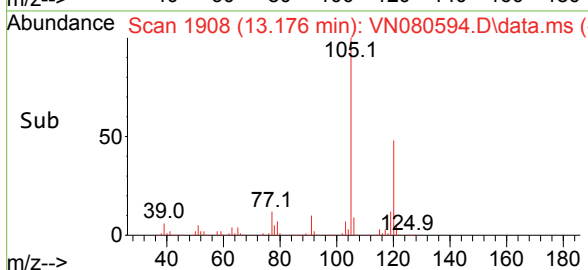
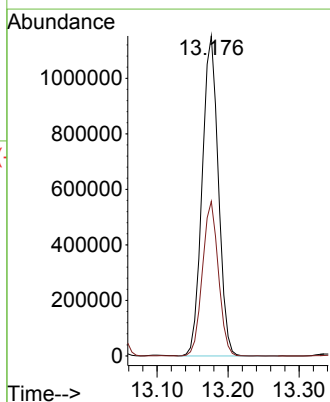
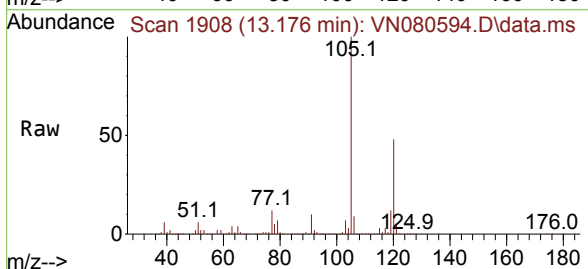
Manual Integrations
APPROVED

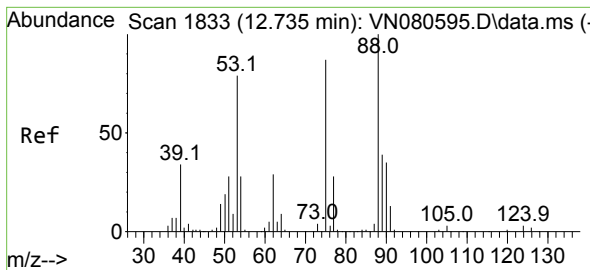
Reviewed By :John Carbone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 102.600 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

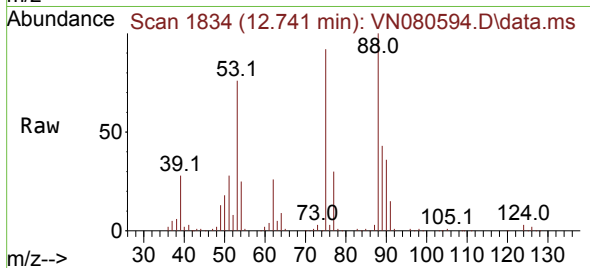
Tgt Ion:105 Resp: 1825368
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 92.305 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

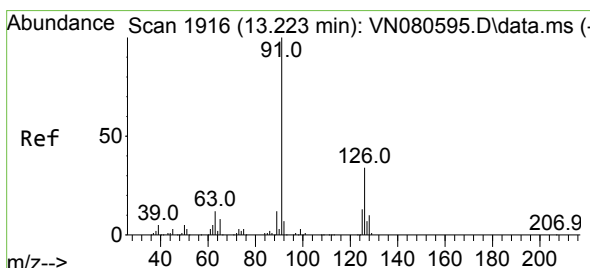
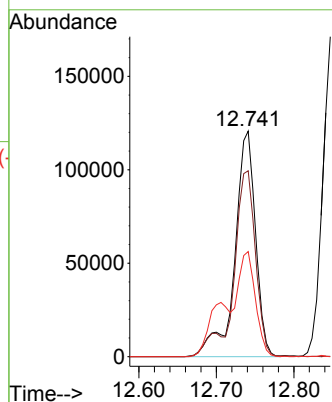
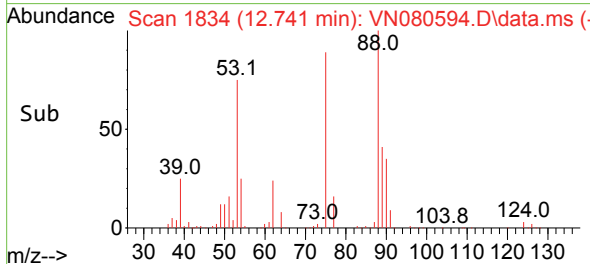
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 225620
Ion Ratio Lower Upper
75 100
53 86.3 67.4 101.2
89 40.5 38.8 58.2

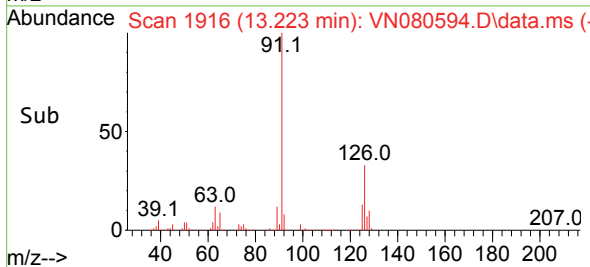
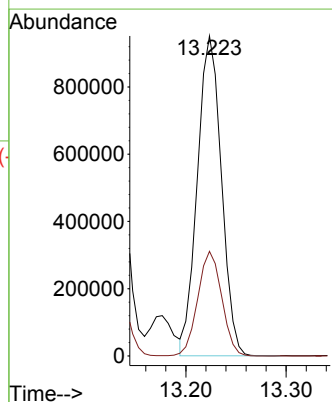
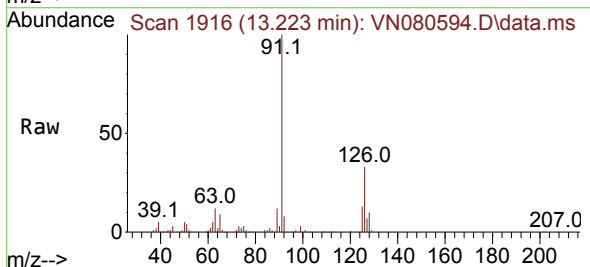
Manual Integrations
APPROVED

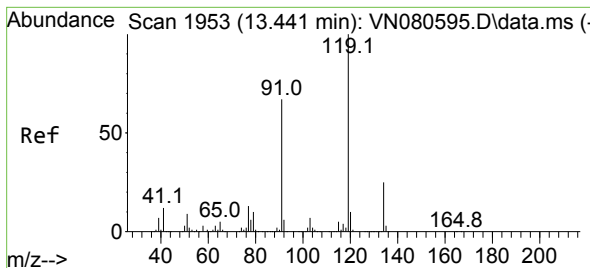
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#82
4-Chlorotoluene
Concen: 98.549 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

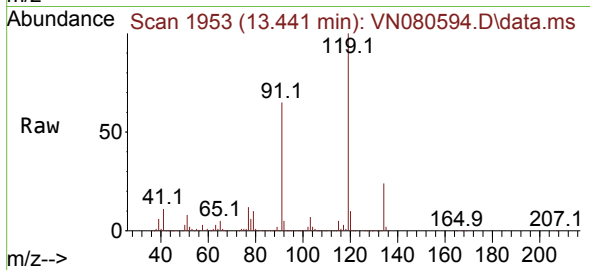
Tgt Ion: 91 Resp: 1585284
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 111.482 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

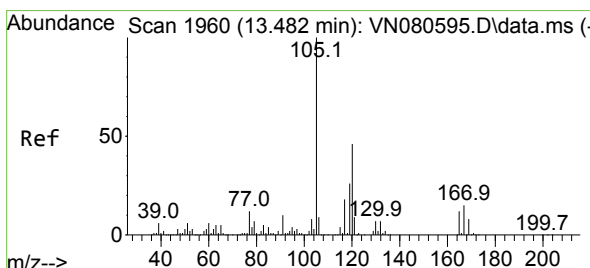
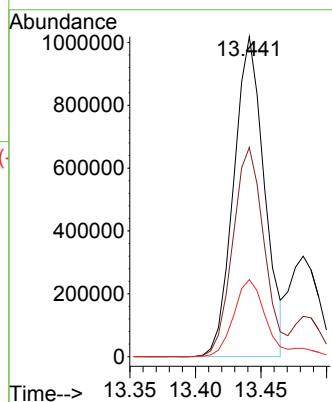
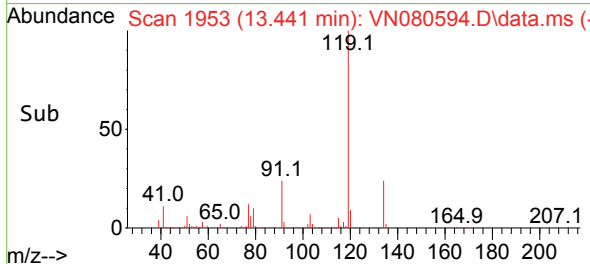
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



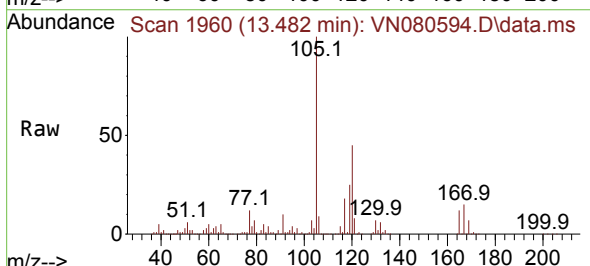
Tgt Ion:119 Resp: 165766
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 26.6 13.2 39.6

Manual Integrations
APPROVED

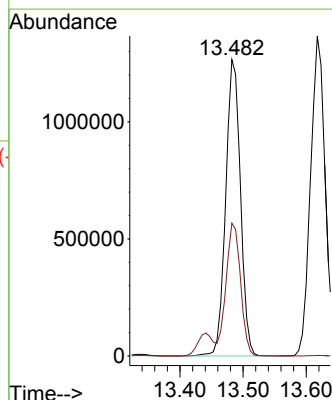
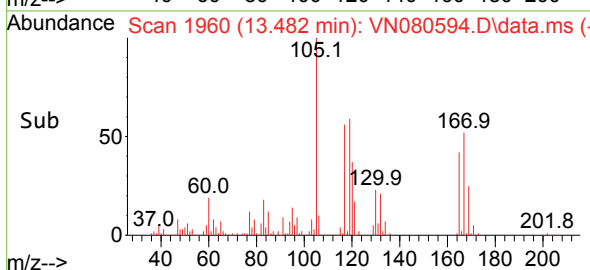
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

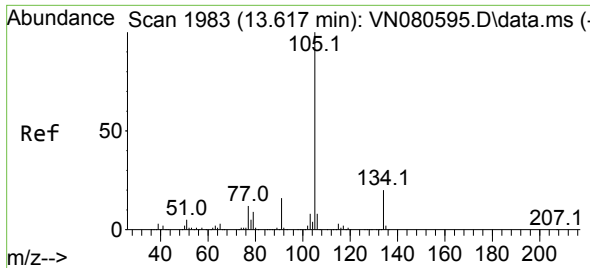


#84
1,2,4-Trimethylbenzene
Concen: 113.824 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



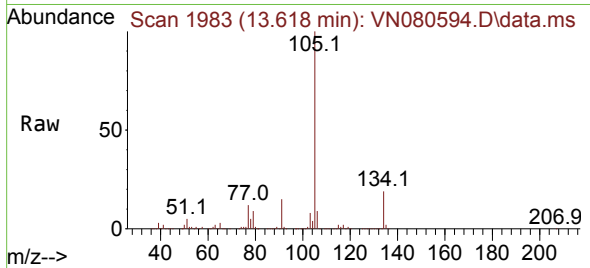
Tgt Ion:105 Resp: 2050459
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 111.645 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

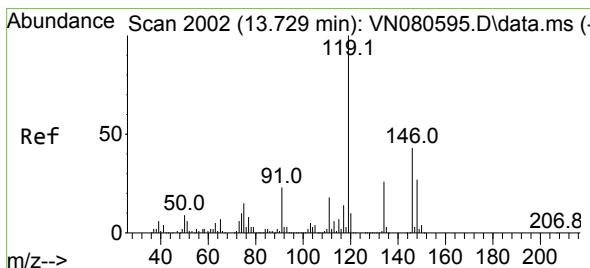
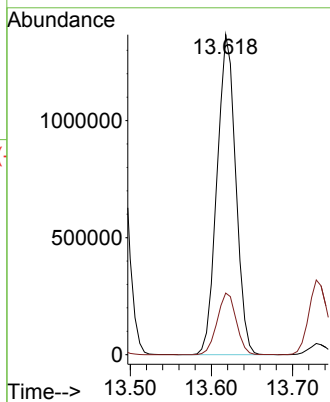
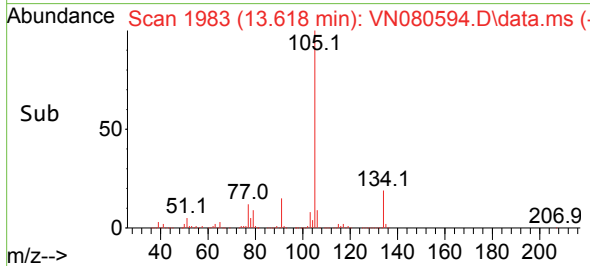
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



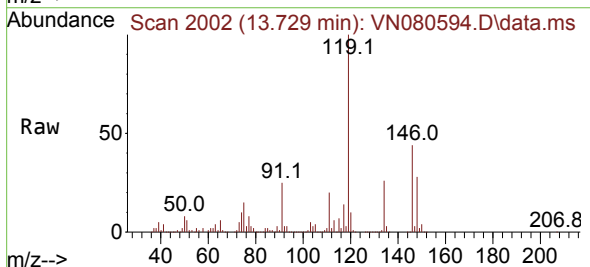
Tgt Ion:105 Resp: 2196810
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

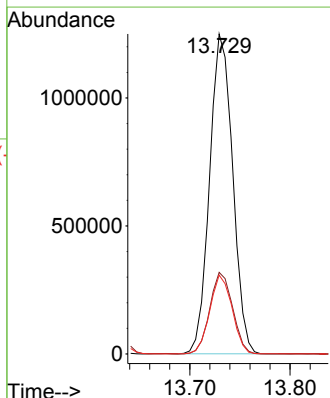
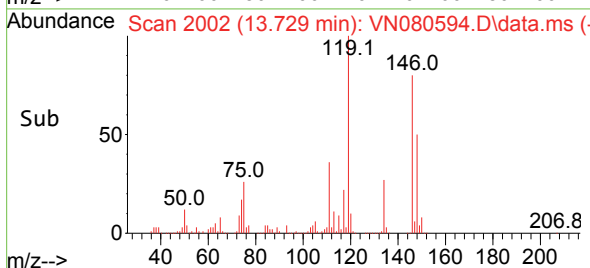
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

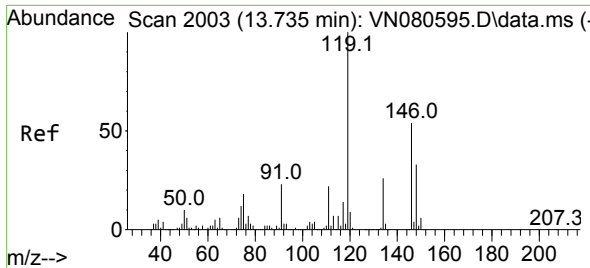


#86
 p-Isopropyltoluene
 Concen: 99.983 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24



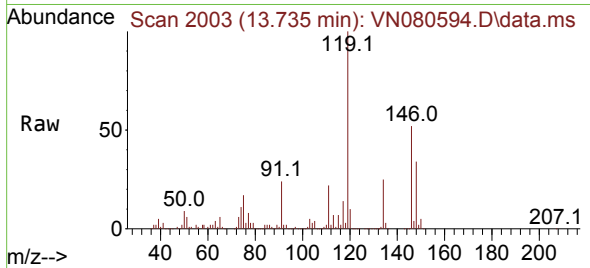
Tgt Ion:119 Resp: 1994321
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 102.929 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

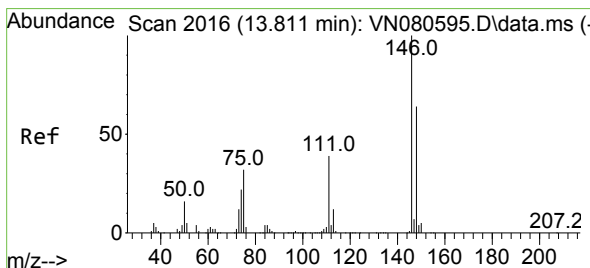
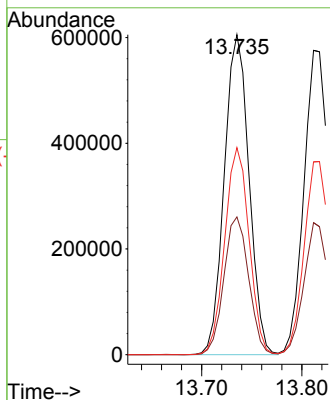
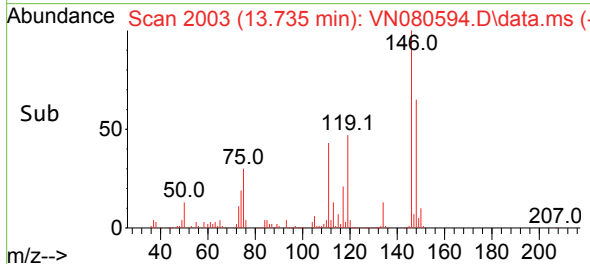
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



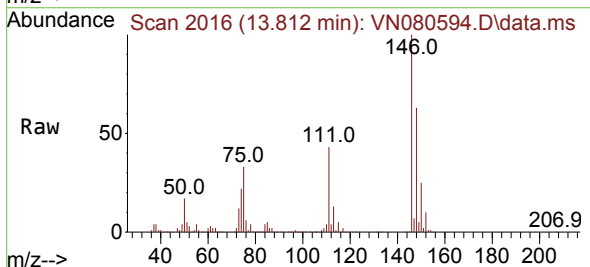
Tgt Ion:146 Resp: 103807
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

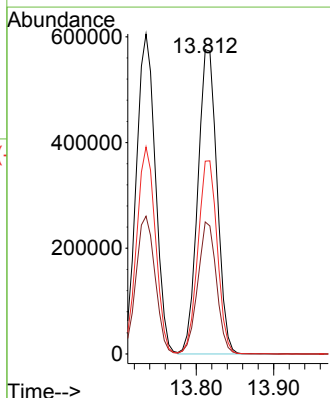
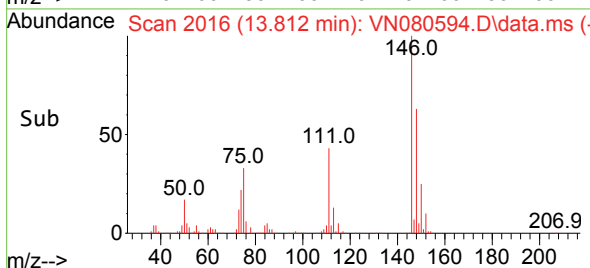
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

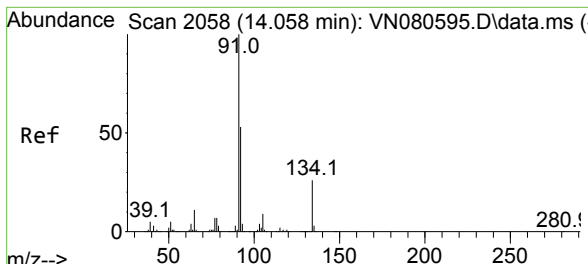


#88
1,4-Dichlorobenzene
Concen: 97.923 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24



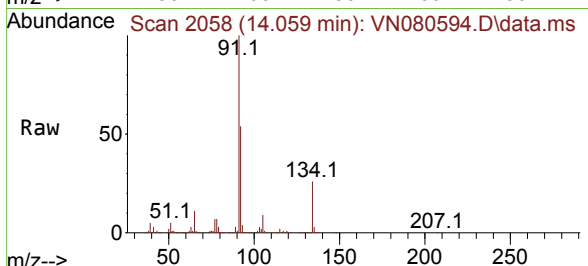
Tgt Ion:146 Resp: 992741
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 119.994 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

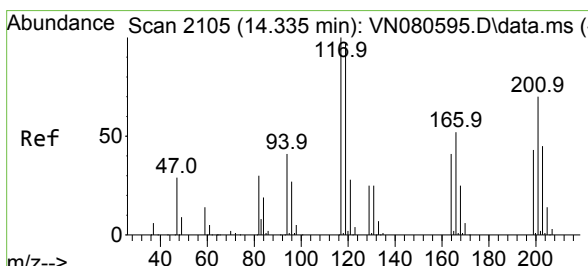
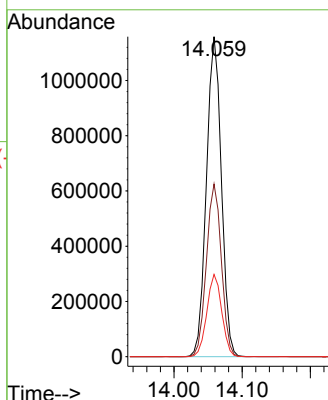
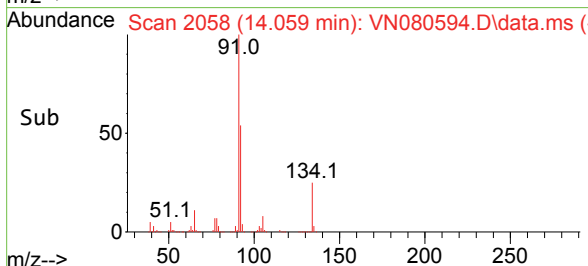
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1764568
Ion Ratio Lower Upper
91 100
92 54.2 26.4 79.0
134 25.7 12.6 37.6

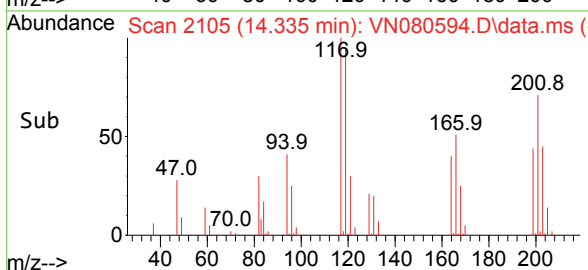
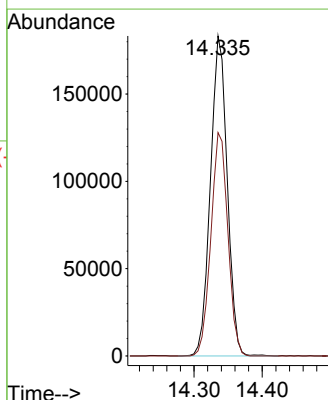
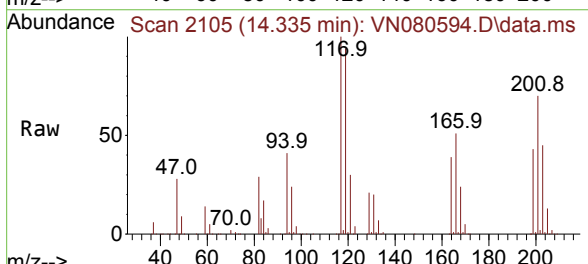
Manual Integrations
APPROVED

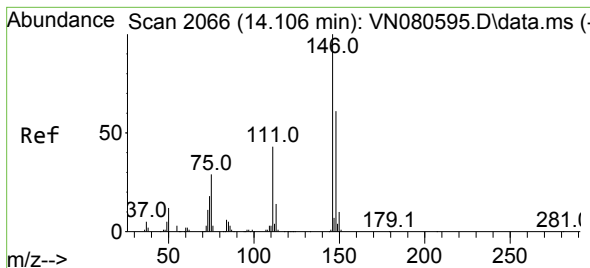
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#90
Hexachloroethane
Concen: 102.399 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

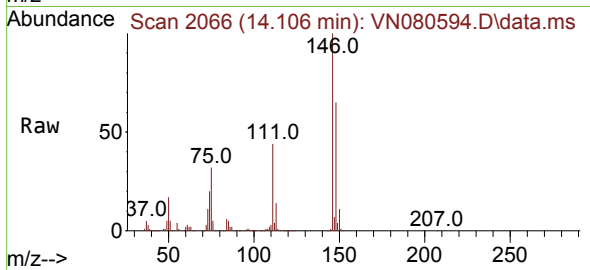
Tgt Ion:117 Resp: 314523
Ion Ratio Lower Upper
117 100
201 70.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 103.036 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

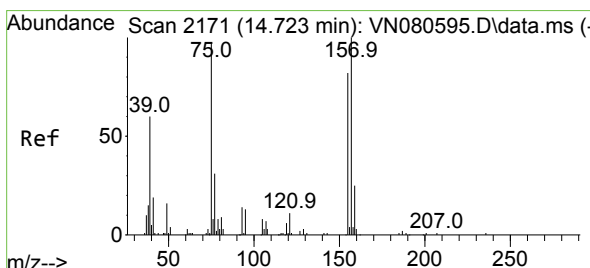
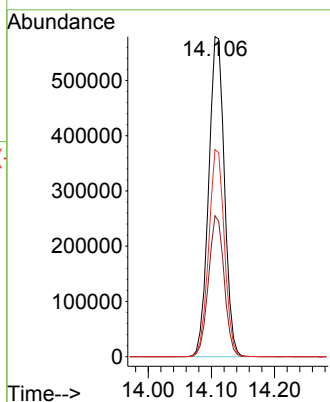
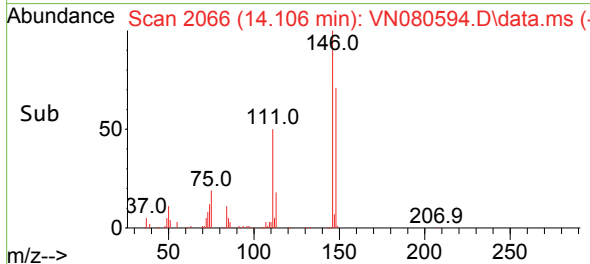
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 100298
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.3 31.8 95.3

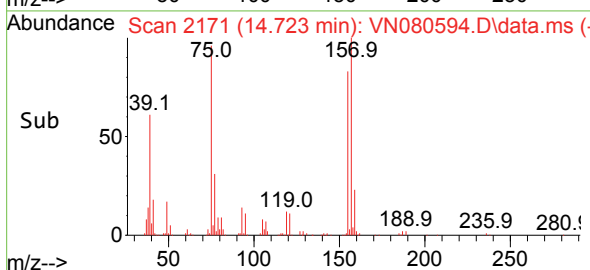
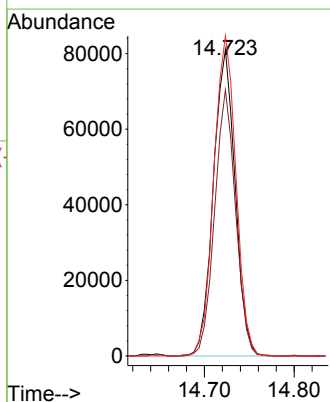
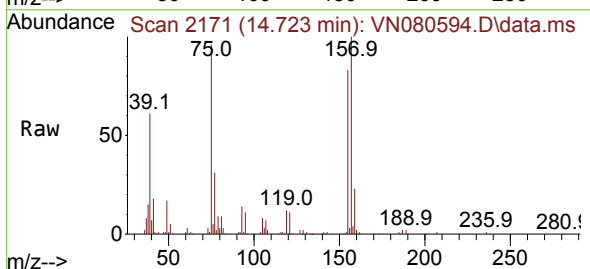
Manual Integrations
APPROVED

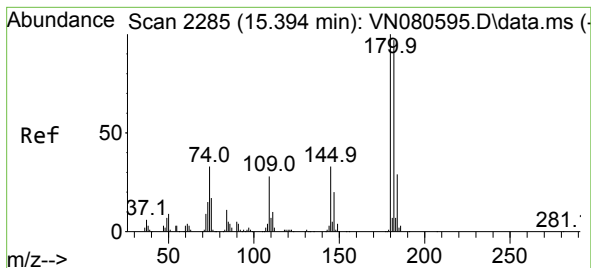
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 91.111 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080594.D
Acq: 27 Dec 2023 11:24

Tgt Ion: 75 Resp: 136731
Ion Ratio Lower Upper
75 100
155 83.4 39.1 117.2
157 105.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 104.011 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 53418

Ion Ratio Lower Upper

180 100

182 94.9 46.1 138.2

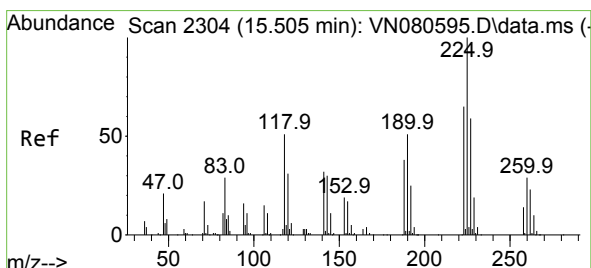
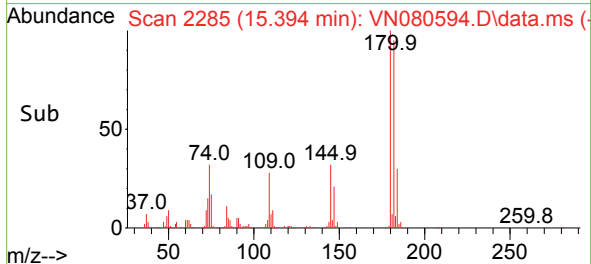
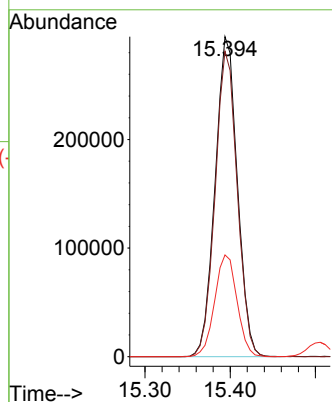
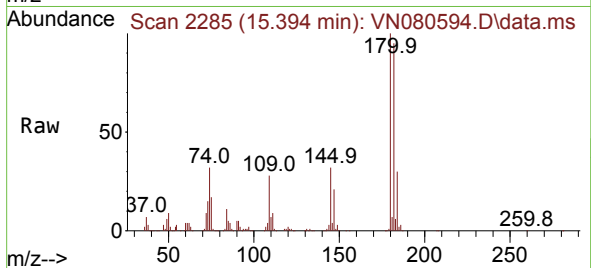
145 31.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#94

Hexachlorobutadiene

Concen: 88.443 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080594.D

Acq: 27 Dec 2023 11:24

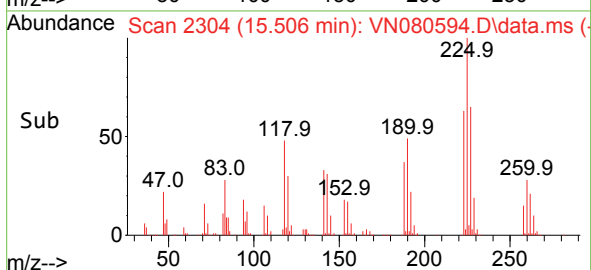
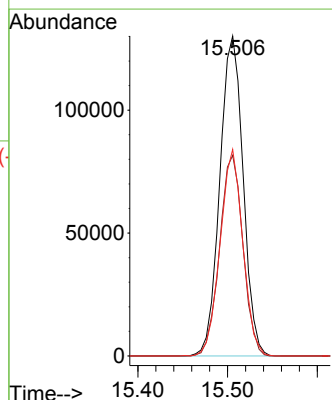
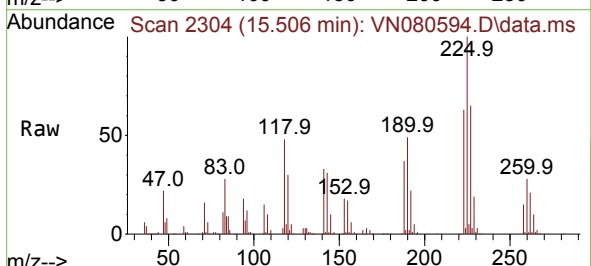
Tgt Ion:225 Resp: 234411

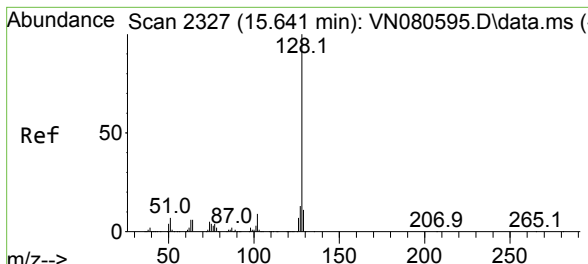
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

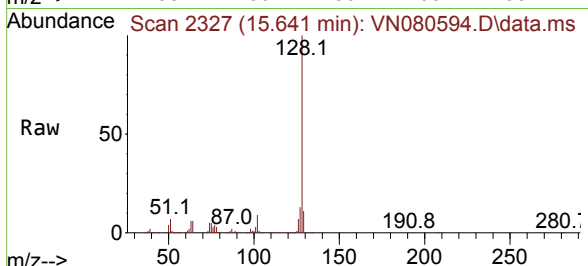
227 63.0 31.9 95.9





#95
 Naphthalene
 Concen: 108.433 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24

Instrument : MSVOA_N
 ClientSampleId : VSTDIC100

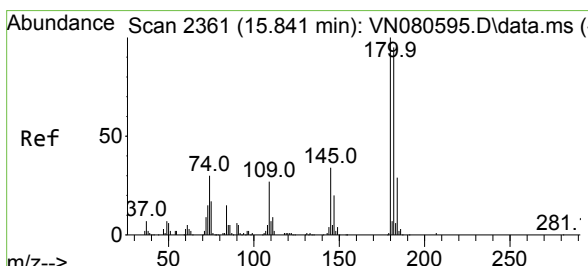
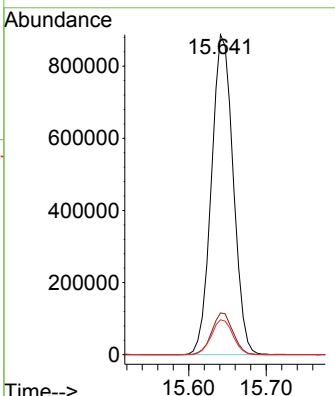
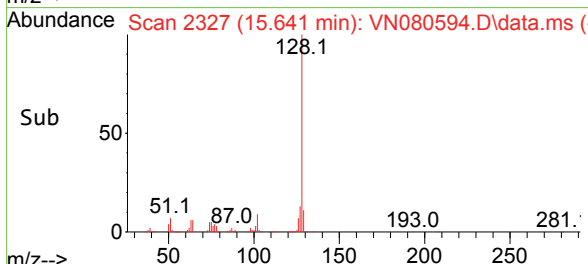


Tgt Ion:128 Resp: 1733209

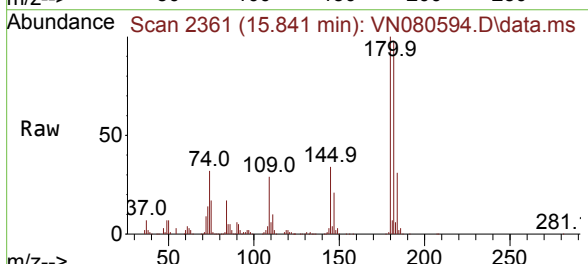
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#96
 1,2,3-Trichlorobenzene
 Concen: 97.900 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN080594.D
 Acq: 27 Dec 2023 11:24



Tgt Ion:180 Resp: 508296

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.2	138.6
145	33.7	17.5	52.6

