

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080599.D
 Acq On : 27 Dec 2023 13:47
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 02:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 02:45:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	460893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	669465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	593889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230340	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.124	85	5435	1.062	ug/l	87
3) Chloromethane	2.359	50	13327	1.414	ug/l #	85
4) Vinyl Chloride	2.506	62	5809	1.020	ug/l	93
6) Chloroethane	3.118	64	4132	1.162	ug/l	99
7) Trichlorofluoromethane	3.495	101	8765	1.077	ug/l	94
8) Diethyl Ether	3.959	74	2403	0.860	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	4596	1.035	ug/l	94
12) 1,1-Dichloroethene	4.342	96	4126	0.969	ug/l #	77
14) Allyl chloride	5.036	41	7736	1.196	ug/l #	86
15) Acrylonitrile	5.730	53	10641	4.691	ug/l	98
16) Acetone	4.436	43	7753	4.824	ug/l	99
17) Carbon Disulfide	4.712	76	13497	1.178	ug/l #	92
18) Methyl Acetate	5.036	43	9511	1.067	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	12882	0.840	ug/l #	89
20) Methylene Chloride	5.271	84	5931	1.157	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	5194	1.009	ug/l	91
22) Diisopropyl ether	6.677	45	14630	1.019	ug/l #	87
23) Vinyl Acetate	6.606	43	39437m	4.881	ug/l	
24) 1,1-Dichloroethane	6.559	63	9821	1.020	ug/l	98
25) 2-Butanone	7.483	43	15001	4.994	ug/l #	76
26) 2,2-Dichloropropane	7.483	77	8479	1.012	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	6151	1.005	ug/l	86
28) Bromochloromethane	7.818	49	3481	0.778	ug/l #	91
29) Tetrahydrofuran	7.841	42	7499	3.828	ug/l #	86
30) Chloroform	7.971	83	9892	1.023	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	9171	1.052	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	7378	1.107	ug/l	98
37) Ethyl Acetate	7.559	43	6305	1.254	ug/l #	78
38) Carbon Tetrachloride	8.359	117	7662	1.124	ug/l	93
39) Methylcyclohexane	9.600	83	5302	0.970	ug/l	93
40) Benzene	8.606	78	18562	1.320	ug/l #	88
41) Methacrylonitrile	7.777	41	2621	0.845	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	6872	1.113	ug/l	90
43) Isopropyl Acetate	8.694	43	8198	1.006	ug/l #	93
44) Trichloroethene	9.353	130	5390	1.084	ug/l	100
45) 1,2-Dichloropropane	9.624	63	4719	1.042	ug/l #	87

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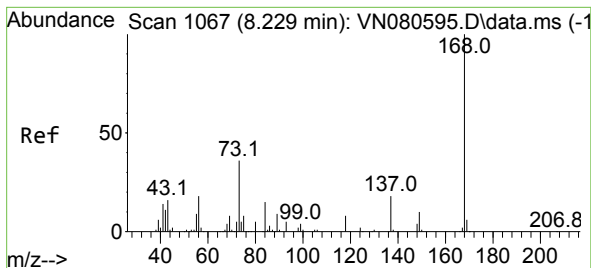
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	3210	1.053	ug/l #	84
47) Bromodichloromethane	9.888	83	7679	1.202	ug/l #	84
48) Methyl methacrylate	9.682	41	4569	1.010	ug/l #	78
49) 1,4-Dioxane	9.700	88	1371	18.955	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	22188	4.787	ug/l	88
52) Toluene	10.641	92	9829	0.928	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	6538	1.015	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	7093	0.984	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	4202	1.000	ug/l #	89
56) Ethyl methacrylate	10.871	69	3221	0.782	ug/l #	51
57) 1,3-Dichloropropane	11.165	76	7236	1.016	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	13869	4.771	ug/l	99
59) 2-Hexanone	11.194	43	17356	4.968	ug/l	84
60) Dibromochloromethane	11.365	129	4990	1.066	ug/l	100
61) 1,2-Dibromoethane	11.470	107	4534	1.070	ug/l	100
64) Tetrachloroethene	11.100	164	4134	1.042	ug/l #	78
65) Chlorobenzene	11.894	112	12746	1.032	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.965	131	4932	1.038	ug/l #	63
67) Ethyl Benzene	11.965	91	18470	0.894	ug/l	98
68) m/p-Xylenes	12.070	106	13083	1.707	ug/l	95
69) o-Xylene	12.400	106	6538	0.869	ug/l	96
70) Styrene	12.418	104	8546	0.781	ug/l	94
71) Bromoform	12.582	173	3267	0.972	ug/l #	97
73) Isopropylbenzene	12.700	105	13972	0.886	ug/l	97
74) N-amyl acetate	12.494	43	4678	0.841	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	6134	1.127	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	5423m	1.095	ug/l	
77) Bromobenzene	12.982	156	4424	1.057	ug/l	93
78) n-propylbenzene	13.041	91	15640	0.868	ug/l	93
79) 2-Chlorotoluene	13.129	91	11122	0.945	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	11252	0.845	ug/l	99
82) 4-Chlorotoluene	13.223	91	11159	0.927	ug/l	96
83) tert-Butylbenzene	13.435	119	9316	0.837	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	9883	0.733	ug/l	99
85) sec-Butylbenzene	13.617	105	11826	0.803	ug/l	99
86) p-Isopropyltoluene	13.735	119	9261	1.149	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	7498	0.994	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	8074m	1.064	ug/l	
89) n-Butylbenzene	14.059	91	9061	0.823	ug/l	97
90) Hexachloroethane	14.341	117	2487	1.082	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	7255	0.996	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1370	1.220	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	3559	0.926	ug/l	94
94) Hexachlorobutadiene	15.506	225	2337	1.178	ug/l	97
95) Naphthalene	15.647	128	10772	0.901	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	3996	1.029	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN080599.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:168 Resp: 46089

Ion Ratio Lower Upper

168 100

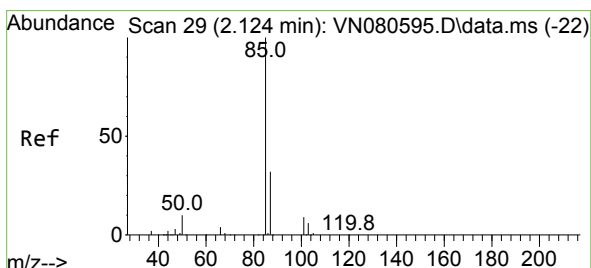
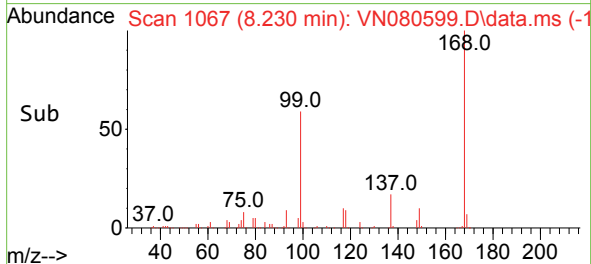
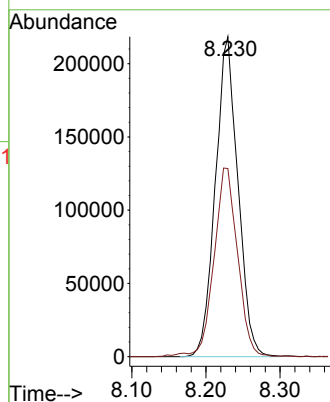
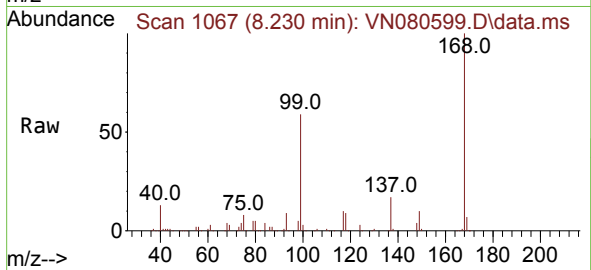
99 58.6 53.0 79.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.062 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080599.D

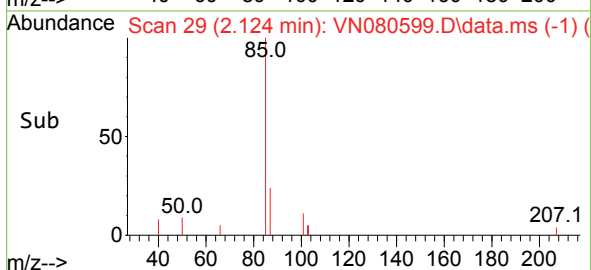
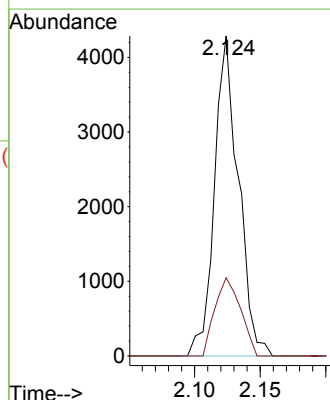
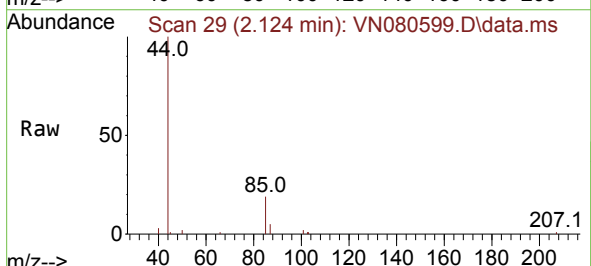
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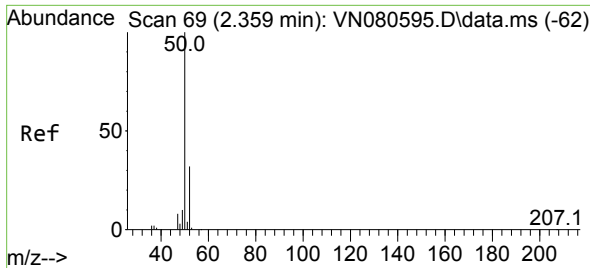
Tgt Ion: 85 Resp: 5435

Ion Ratio Lower Upper

85 100

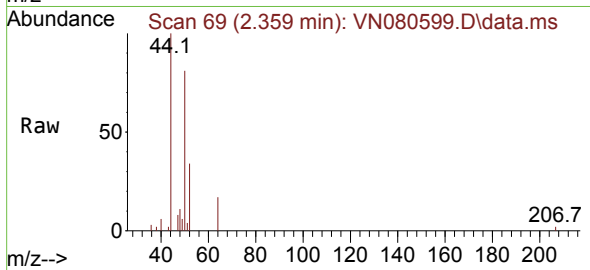
87 24.4 15.8 47.4





#3
Chloromethane
Concen: 1.414 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

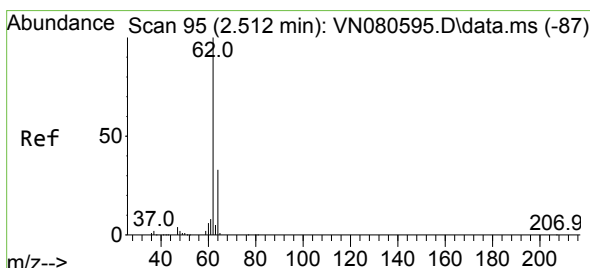
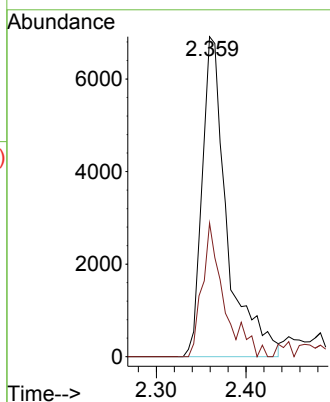
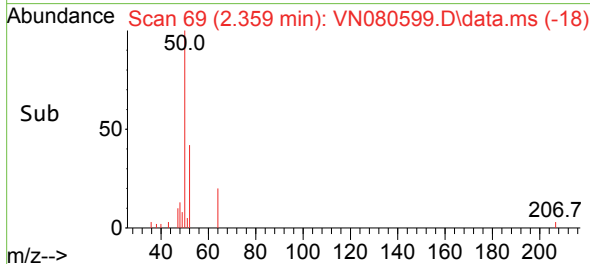
Instrument :
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ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 1332
Ion Ratio Lower Upper
50 100
52 41.8 26.5 39.7

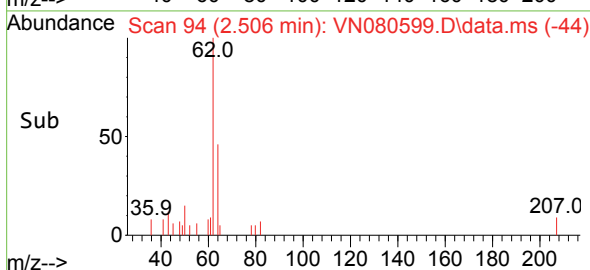
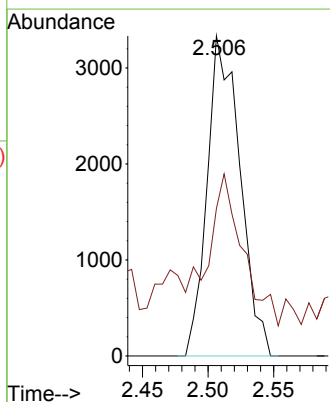
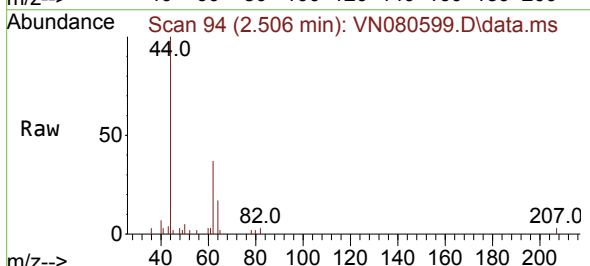
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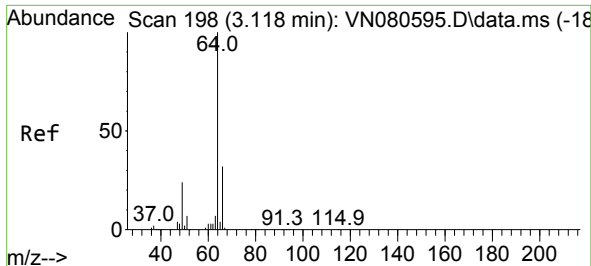
Reviewed By :John Carlone 12/28/2023
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#4
Vinyl Chloride
Concen: 1.020 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

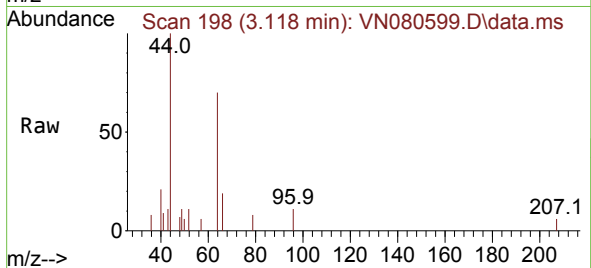
Tgt Ion: 62 Resp: 5809
Ion Ratio Lower Upper
62 100
64 36.7 26.2 39.2





#6
Chloroethane
Concen: 1.162 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

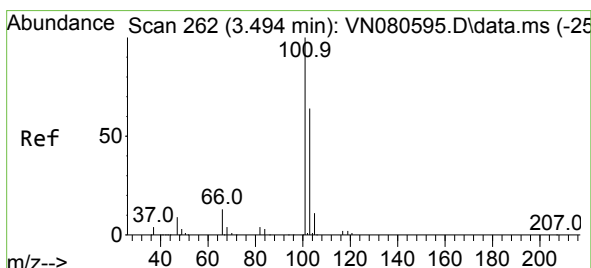
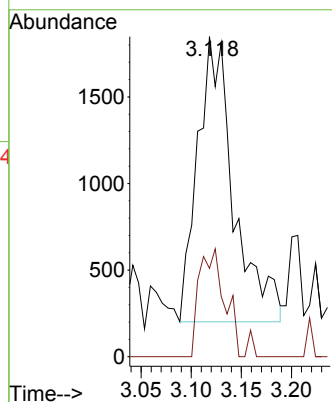
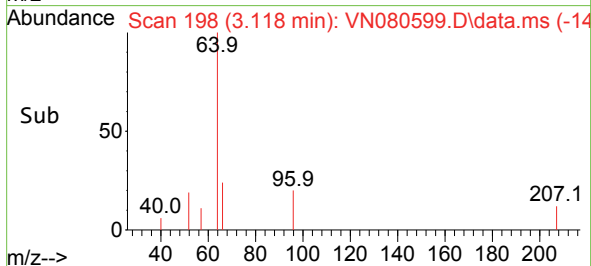
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

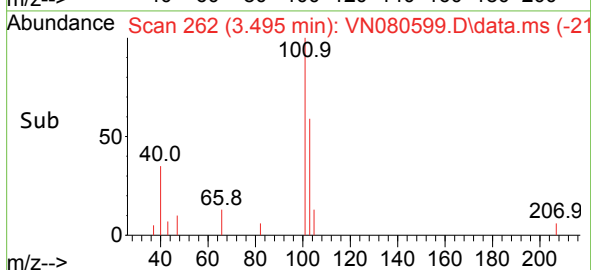
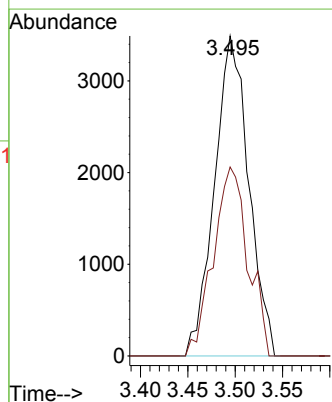
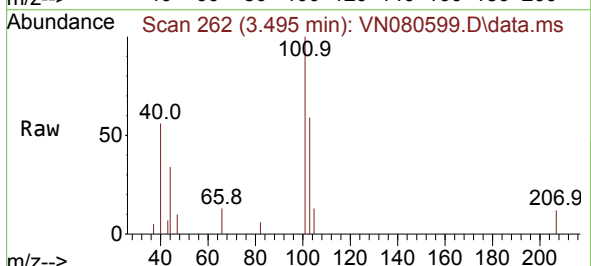
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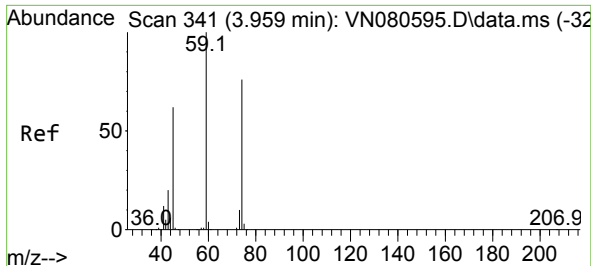
Reviewed By :John Carlone 12/28/2023
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#7
Trichlorofluoromethane
Concen: 1.077 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

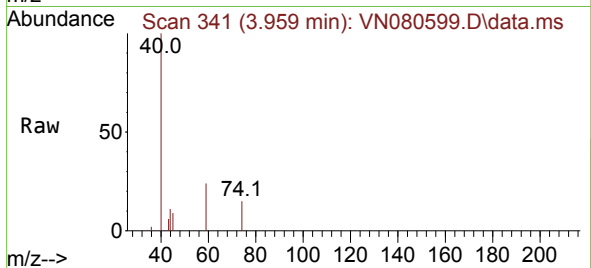
Tgt Ion:101 Resp: 8765
Ion Ratio Lower Upper
101 100
103 59.1 50.7 76.1





#8
Diethyl Ether
Concen: 0.860 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

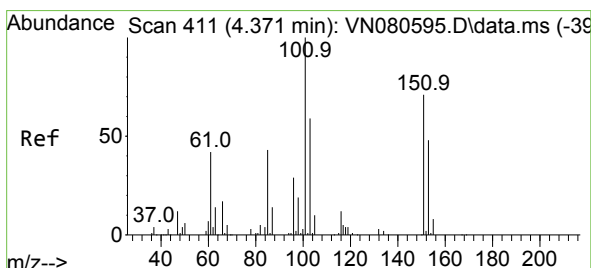
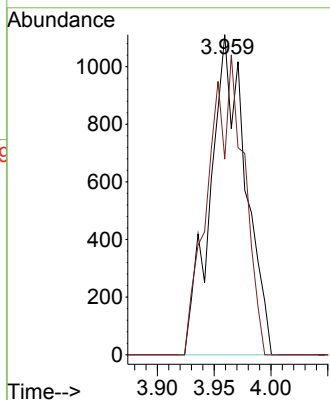
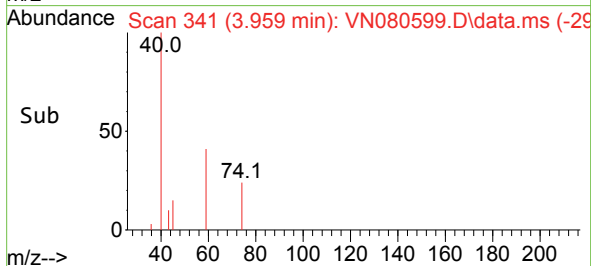
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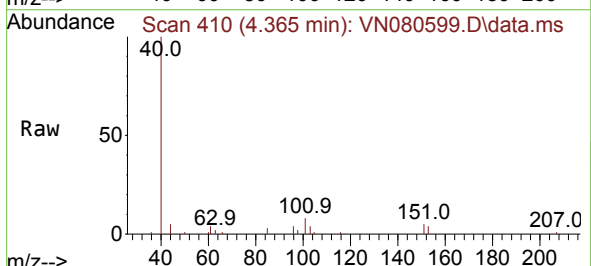
Tgt Ion: 74 Resp: 240
Ion Ratio Lower Upper
74 100
45 49.4 34.4 103.3

Manual Integrations
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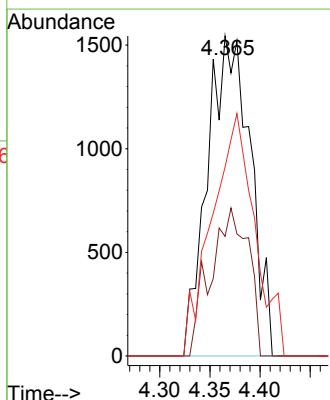
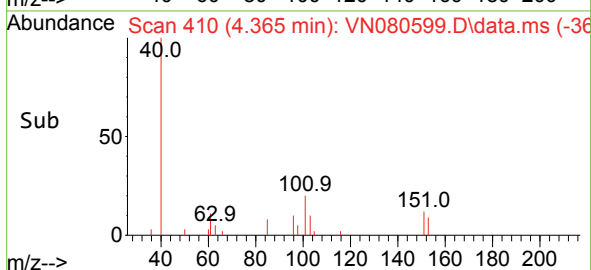
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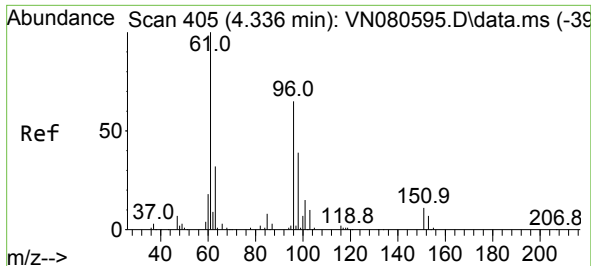


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.035 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



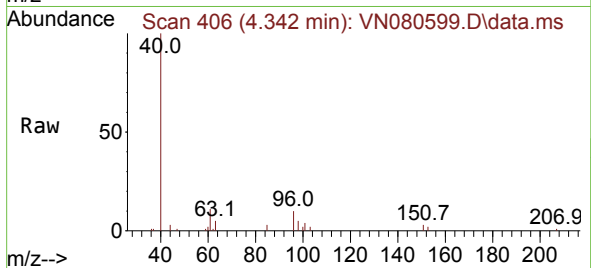
Tgt Ion:101 Resp: 4596
Ion Ratio Lower Upper
101 100
85 40.9 36.6 55.0
151 75.7 57.6 86.4





#12
1,1-Dichloroethene
Concen: 0.969 ug/l
RT: 4.342 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

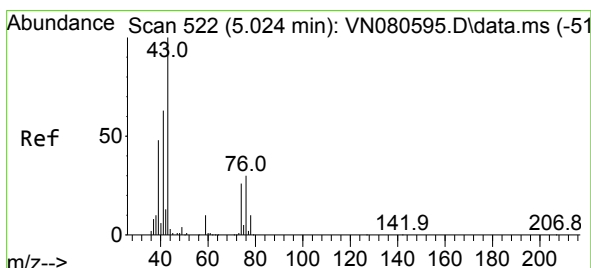
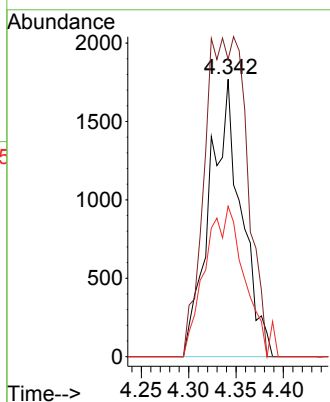
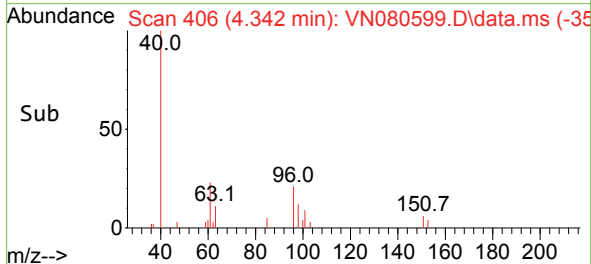
Instrument :
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Tgt Ion: 96 Resp: 4120
Ion Ratio Lower Upper
96 100
61 107.1 112.7 169.1
98 54.2 51.2 76.8

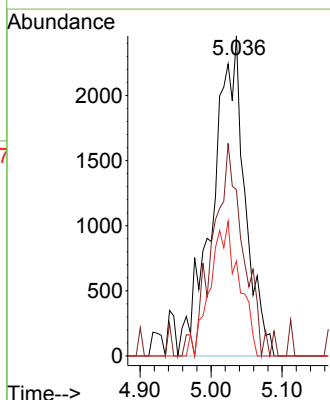
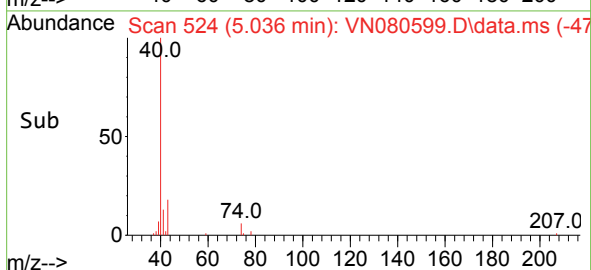
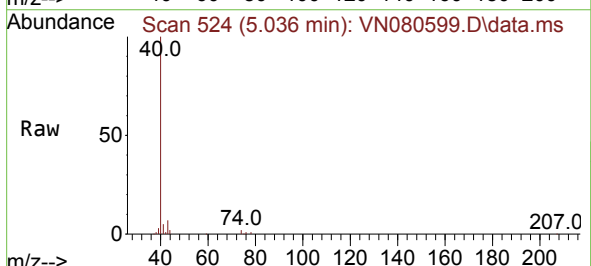
Manual Integrations
APPROVED

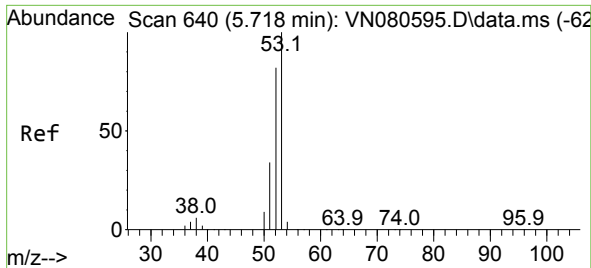
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 1.196 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

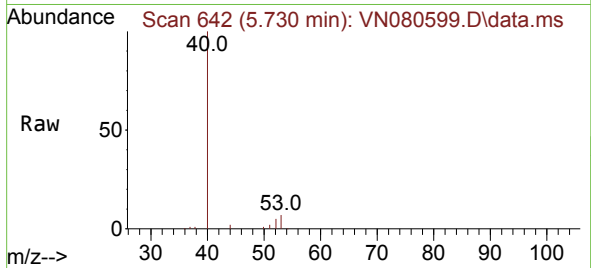
Tgt Ion: 41 Resp: 7736
Ion Ratio Lower Upper
41 100
39 63.1 58.8 88.2
76 37.8 39.1 58.7





#15
Acrylonitrile
Concen: 4.691 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

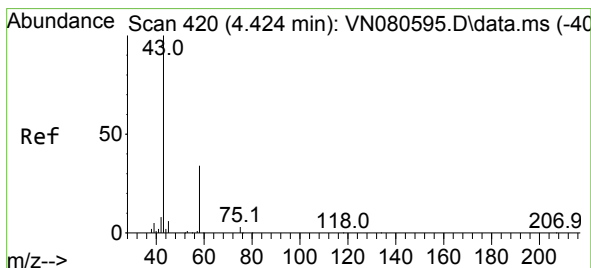
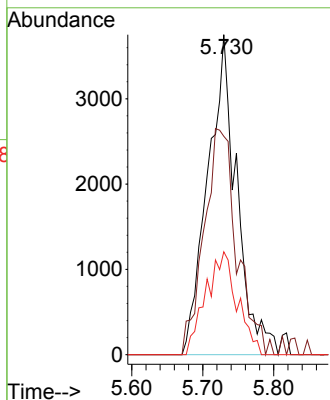
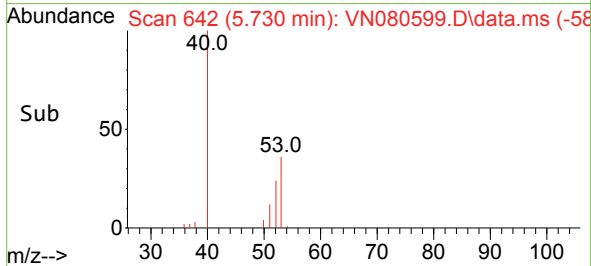
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 1064
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 34.9 28.9 43.3

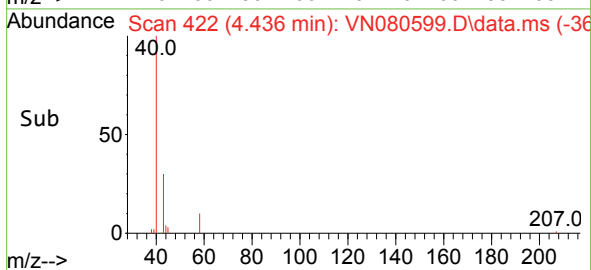
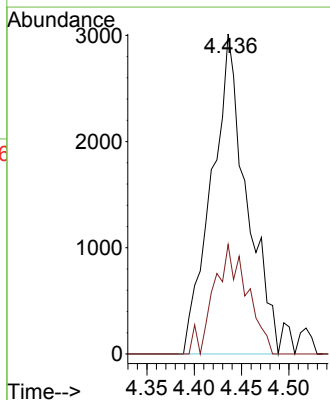
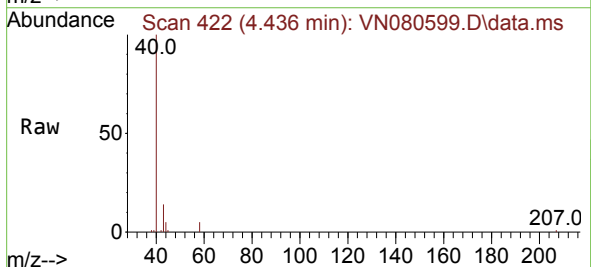
Manual Integrations
APPROVED

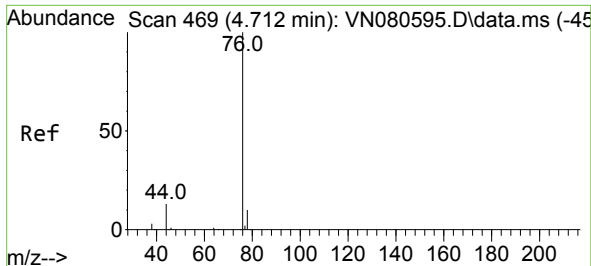
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 4.824 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

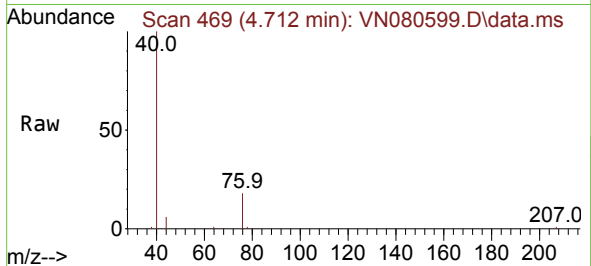
Tgt Ion: 43 Resp: 7753
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





#17
Carbon Disulfide
Concen: 1.178 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

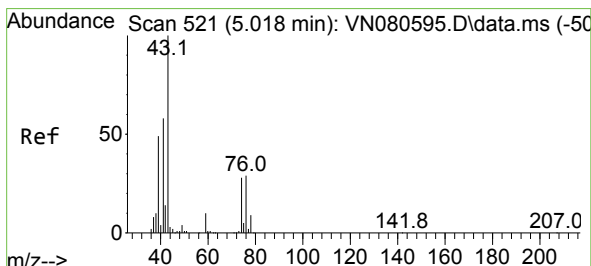
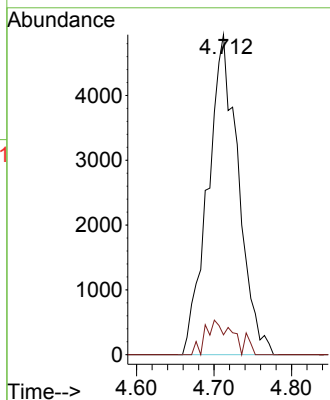
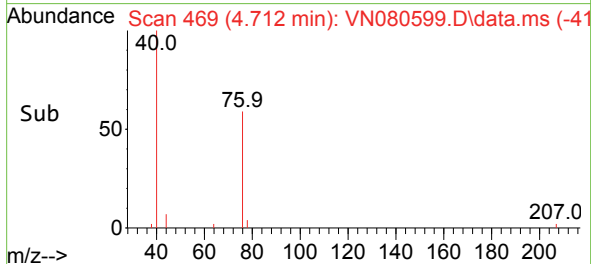
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



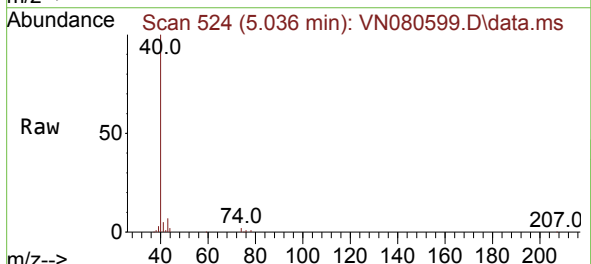
Tgt Ion: 76 Resp: 1349
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.0

Manual Integrations
APPROVED

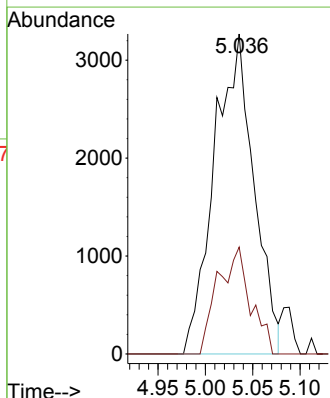
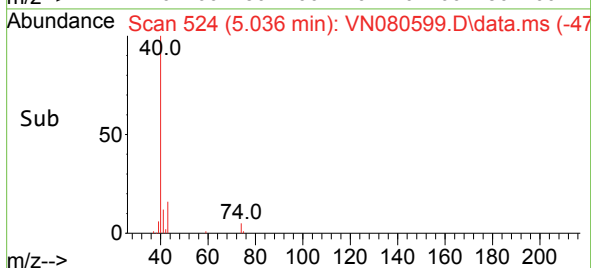
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

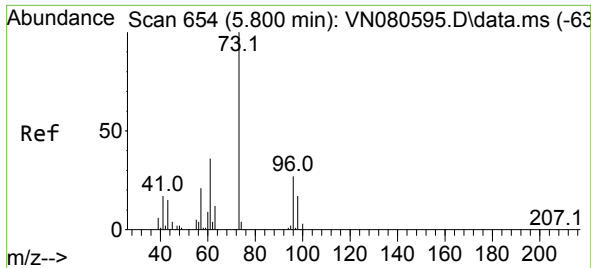


#18
Methyl Acetate
Concen: 1.067 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



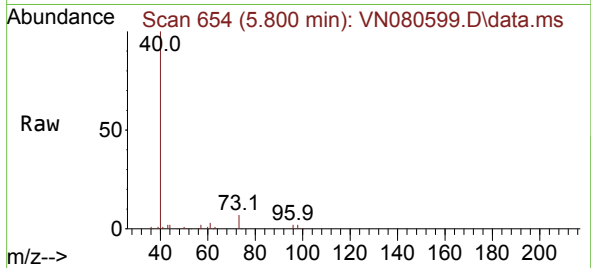
Tgt Ion: 43 Resp: 9511
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 0.840 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

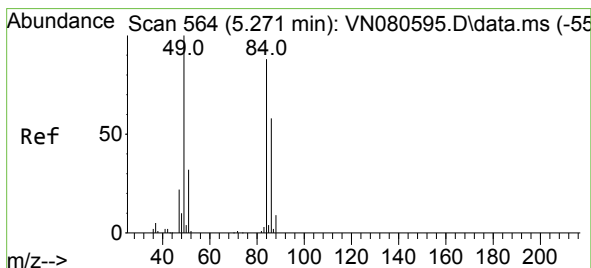
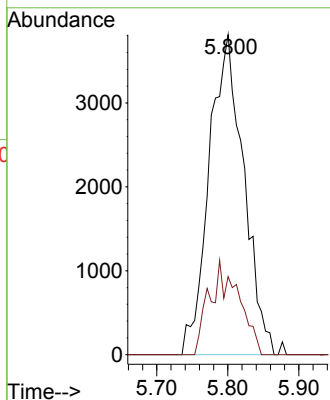
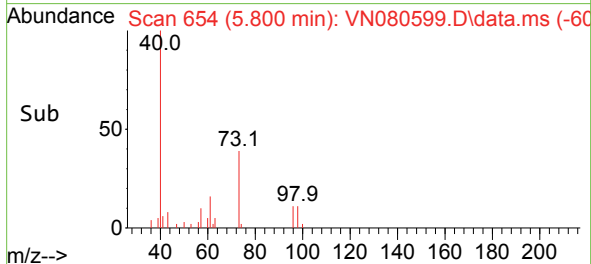
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 1288
Ion Ratio Lower Upper
73 100
57 24.4 15.6 23.4

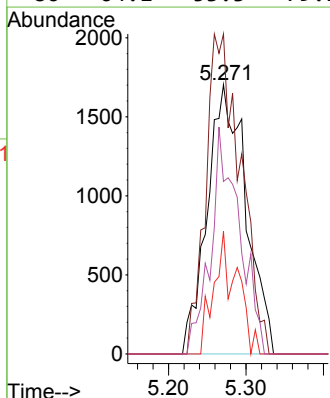
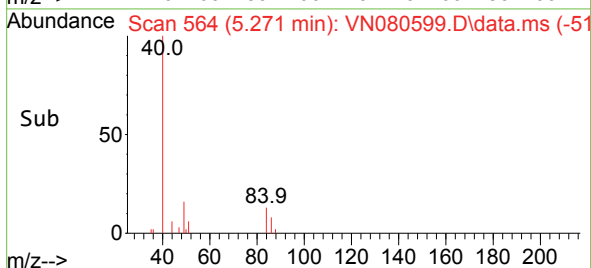
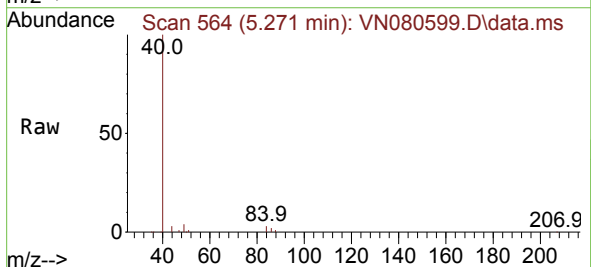
Manual Integrations
APPROVED

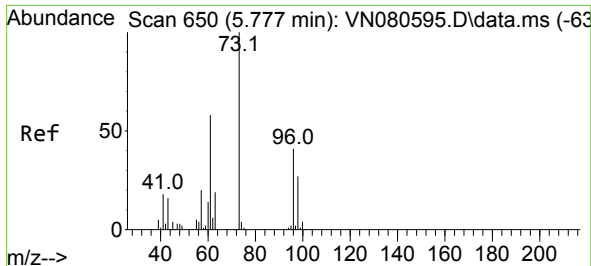
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 1.157 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

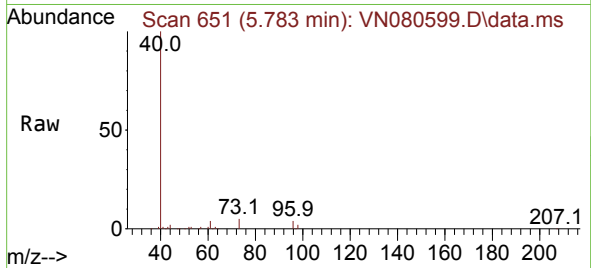
Tgt Ion: 84 Resp: 5931
Ion Ratio Lower Upper
84 100
49 118.8 79.7 119.5
51 45.5 25.2 37.8
86 64.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 1.009 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

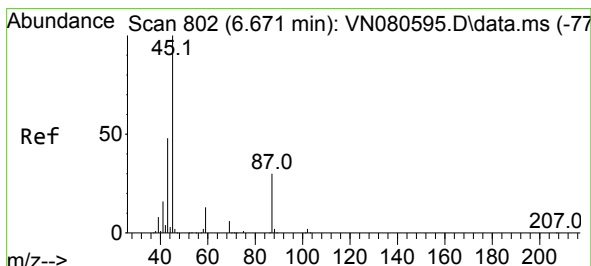
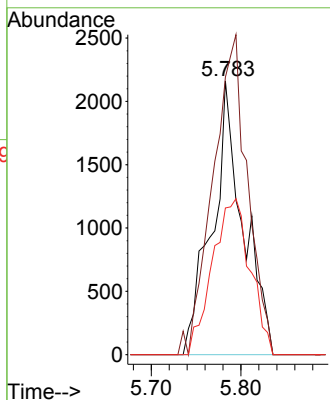
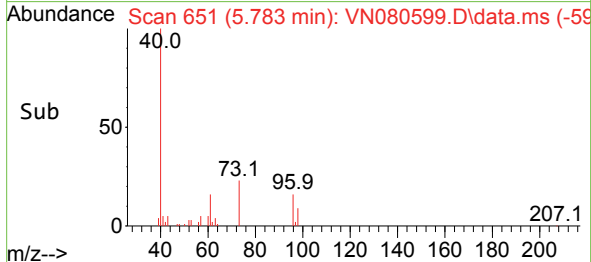
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



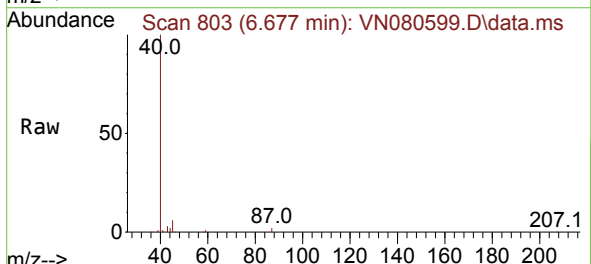
Tgt Ion: 96 Resp: 5194
Ion Ratio Lower Upper
96 100
61 101.3 90.1 135.1
98 53.6 46.4 69.6

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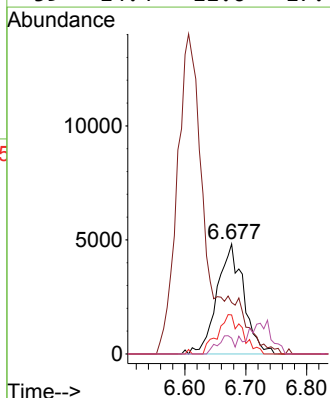
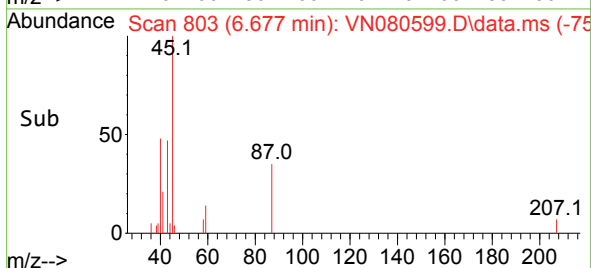
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

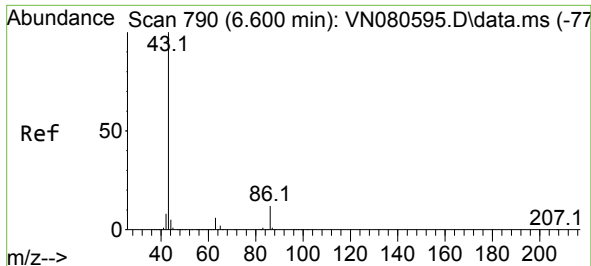


#22
Diisopropyl ether
Concen: 1.019 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



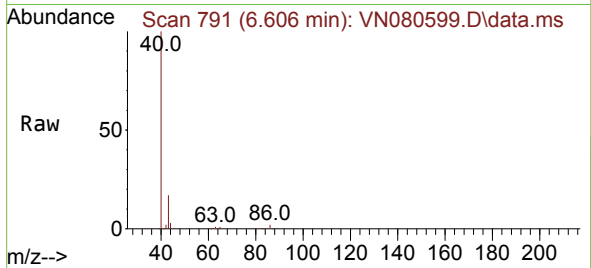
Tgt Ion: 45 Resp: 14630
Ion Ratio Lower Upper
45 100
43 41.6 45.5 68.3#
87 35.5 31.8 47.8
59 14.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 4.881 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

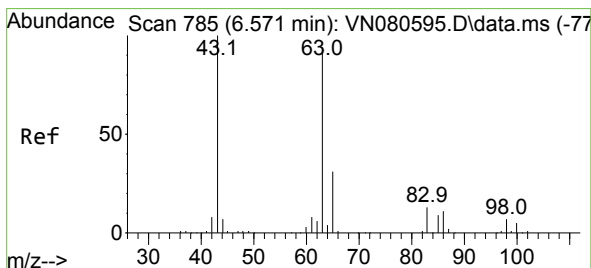
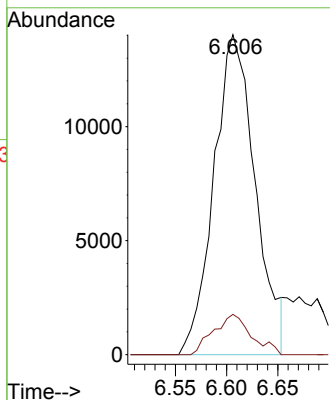
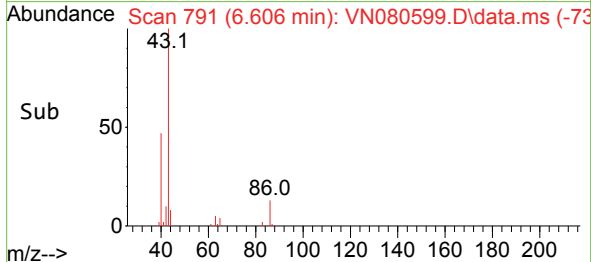
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 3943
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

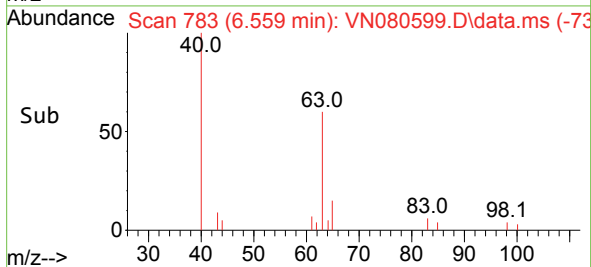
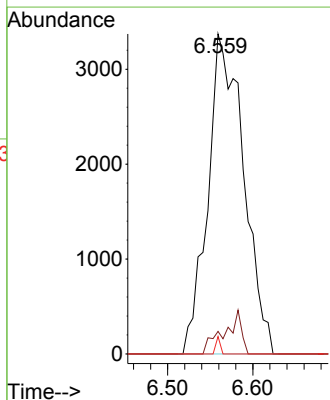
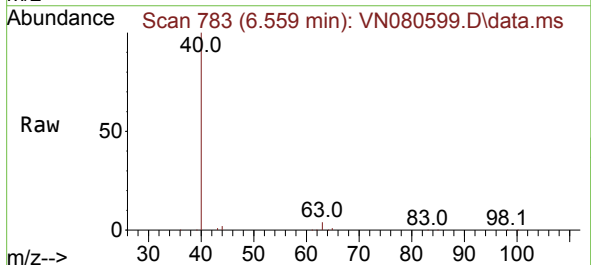
Manual Integrations
 APPROVED

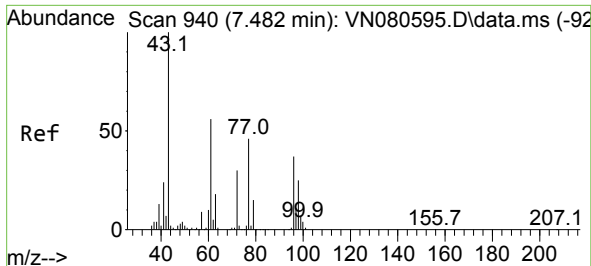
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#24
 1,1-Dichloroethane
 Concen: 1.020 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

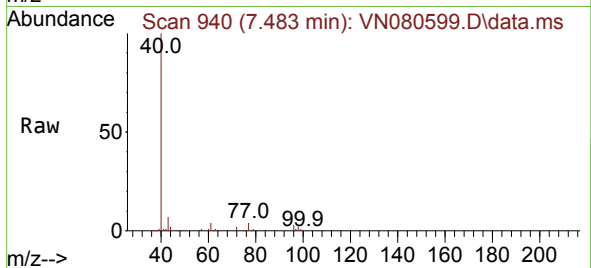
Tgt Ion: 63 Resp: 9821
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 4.994 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

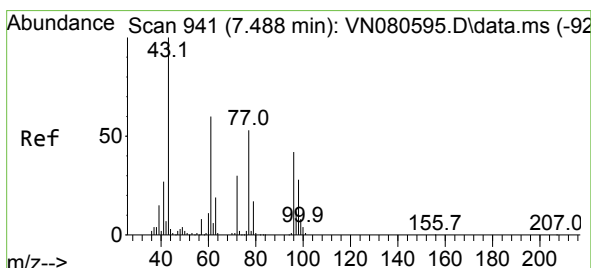
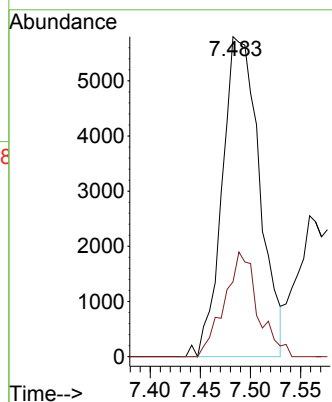
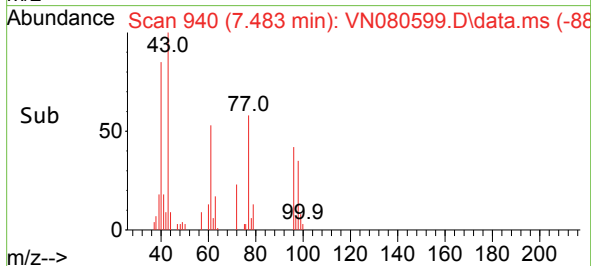
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



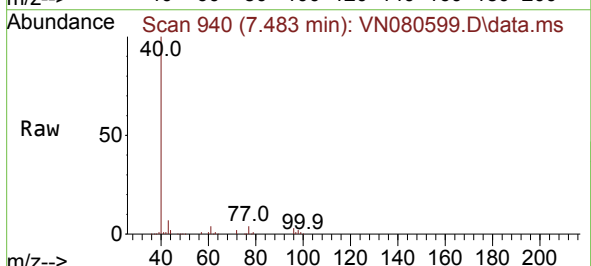
Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
72 23.4 30.2 45.2

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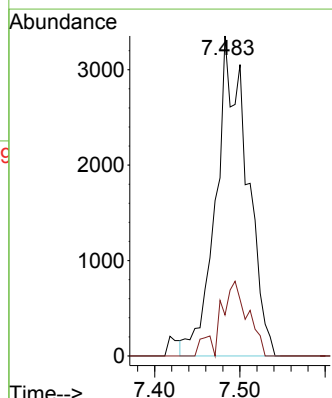
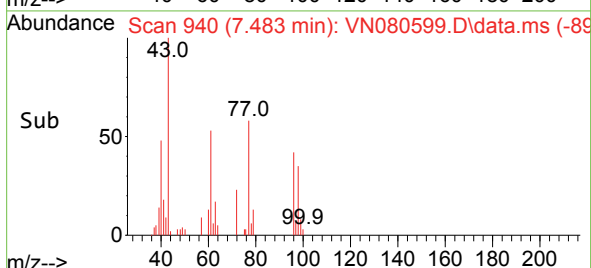
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

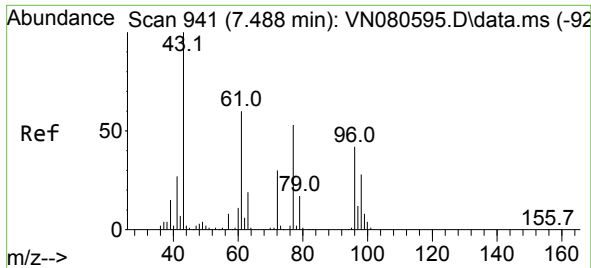


#26
2,2-Dichloropropane
Concen: 1.012 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



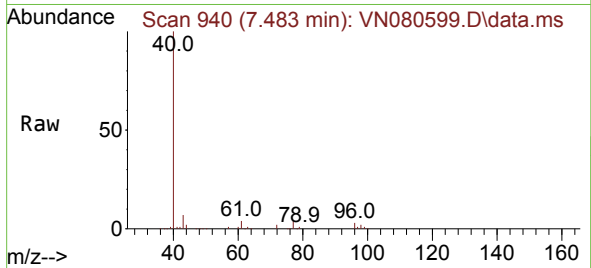
Tgt Ion: 77 Resp: 8479
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

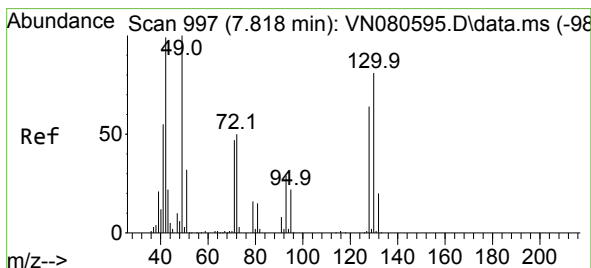
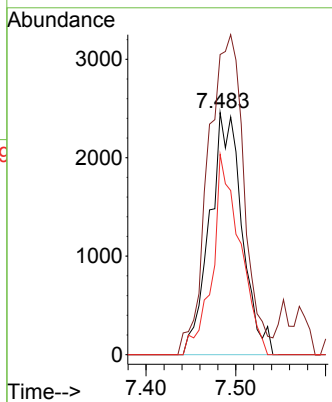
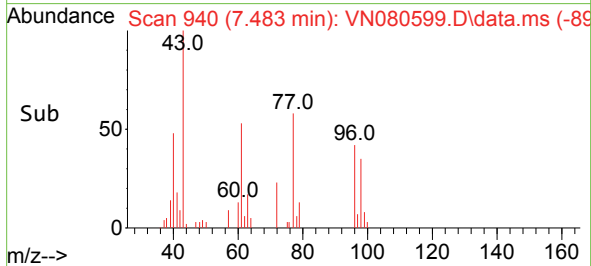
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 615
Ion Ratio Lower Upper
96 100
61 147.1 0.0 255.2
98 70.5 0.0 128.8

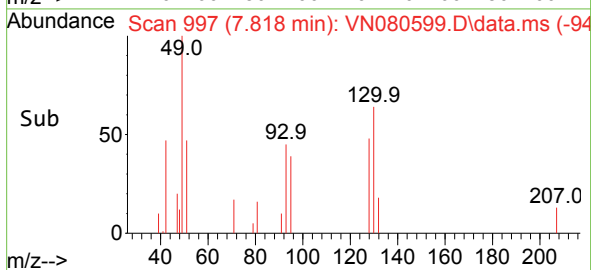
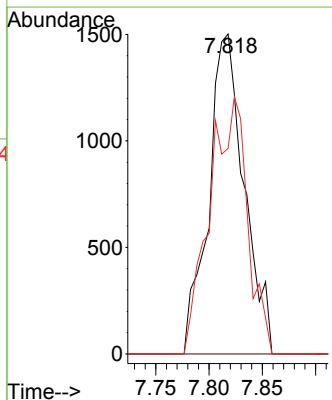
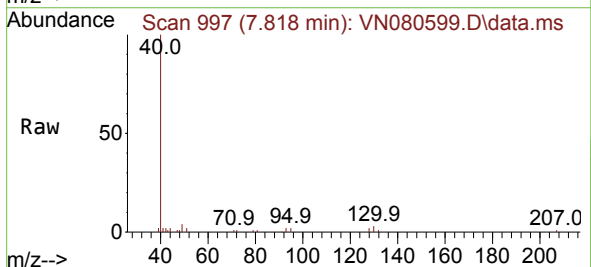
Manual Integrations
APPROVED

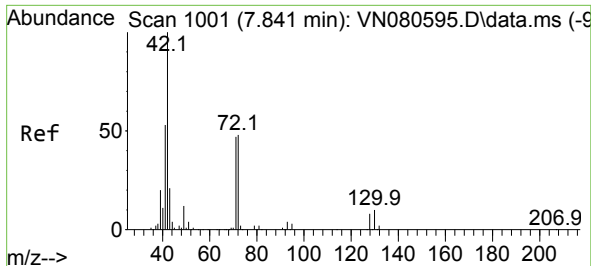
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#28
Bromochloromethane
Concen: 0.778 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Tgt Ion: 49 Resp: 3481
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 85.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 3.828 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

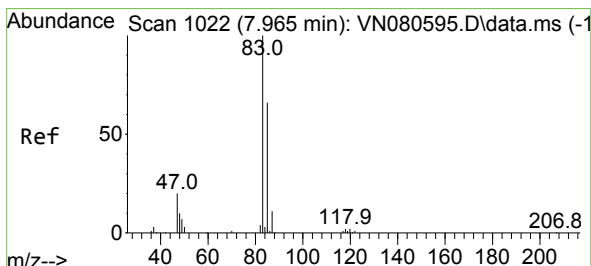
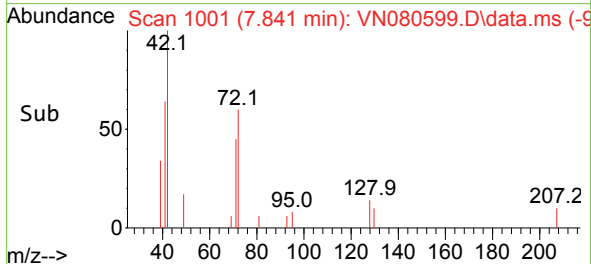
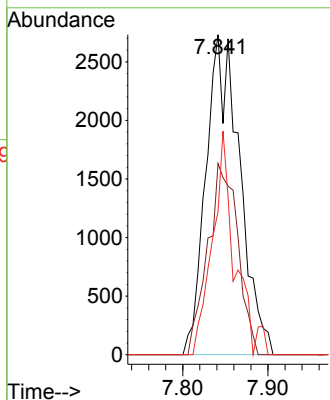
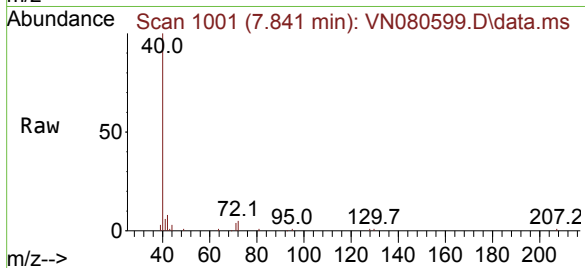
Tgt Ion:	42	Resp:	7499
Ion Ratio	Lower	Upper	
42	100		
72	53.2	49.8	74.6
71	46.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#30

Chloroform

Concen: 1.023 ug/l

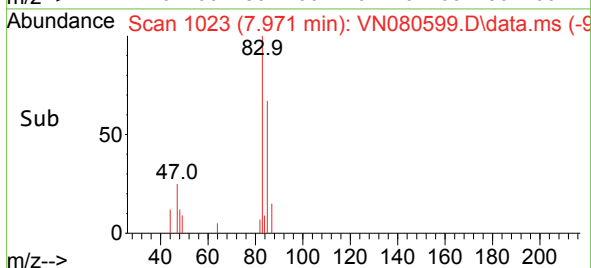
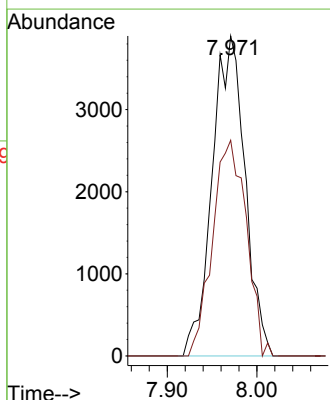
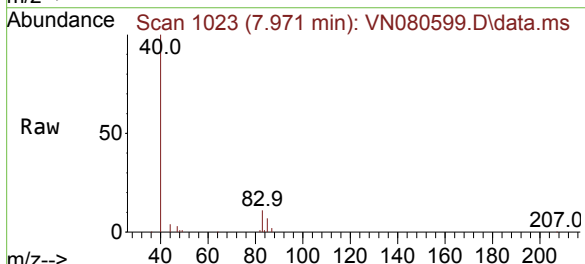
RT: 7.971 min Scan# 1023

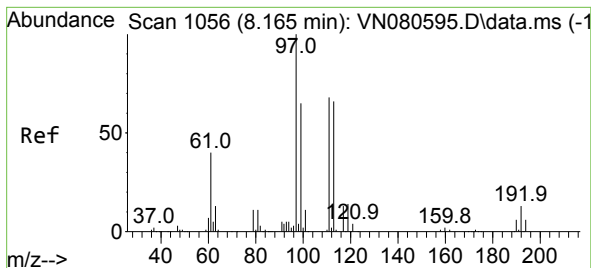
Delta R.T. 0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

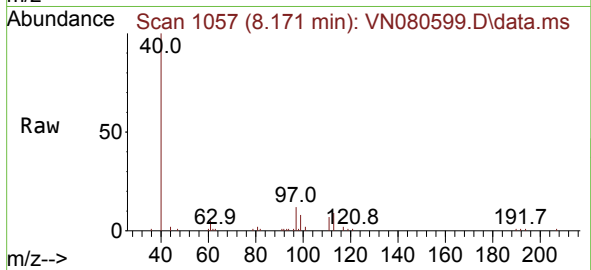
Tgt Ion:	83	Resp:	9892
Ion Ratio	Lower	Upper	
83	100		
85	67.4	55.4	83.0





#32
1,1,1-Trichloroethane
Concen: 1.052 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

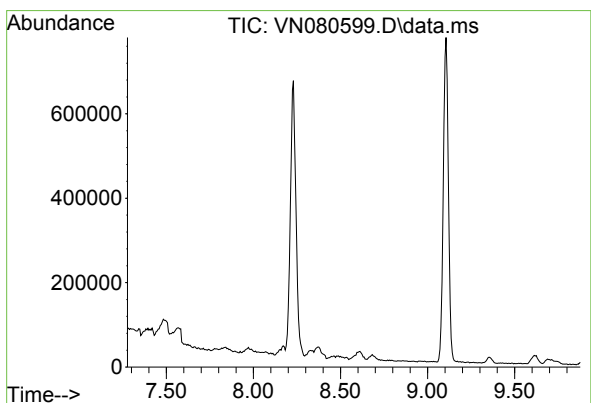
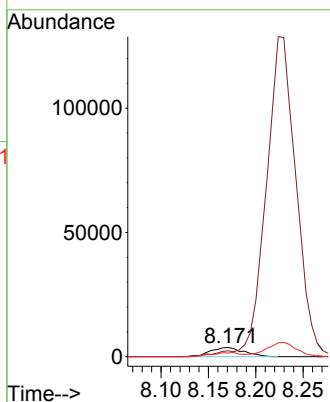
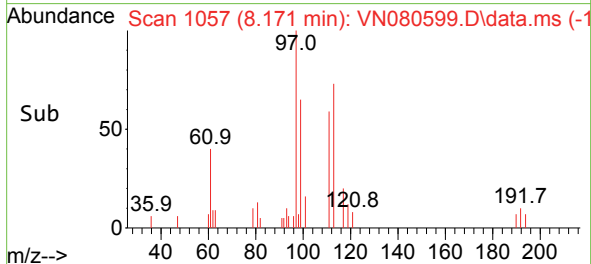
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 917
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 39.1 34.7 52.1

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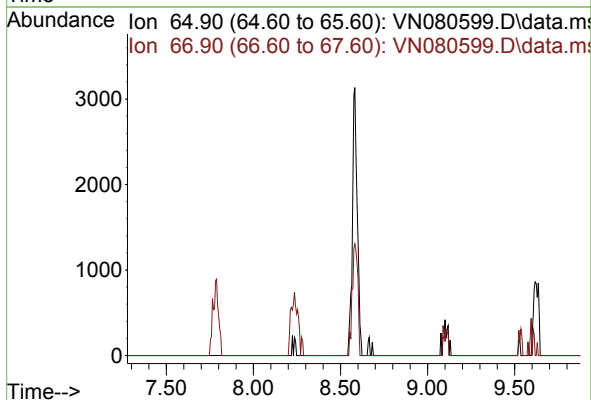
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

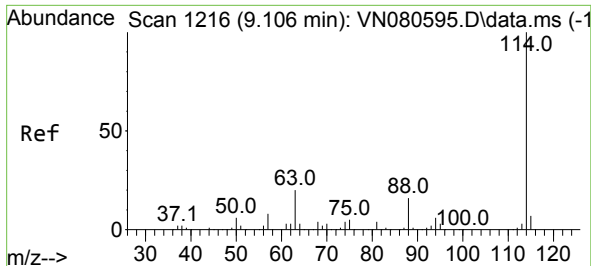


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 66946

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

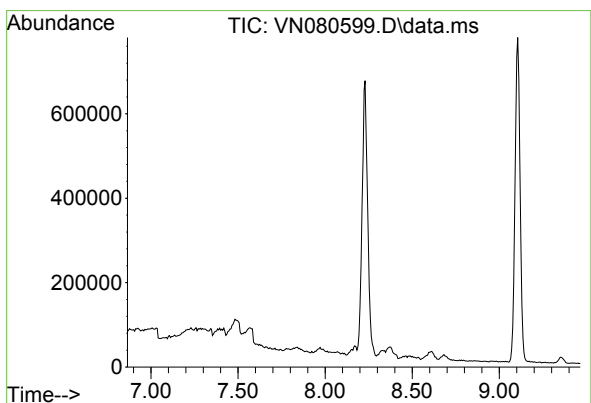
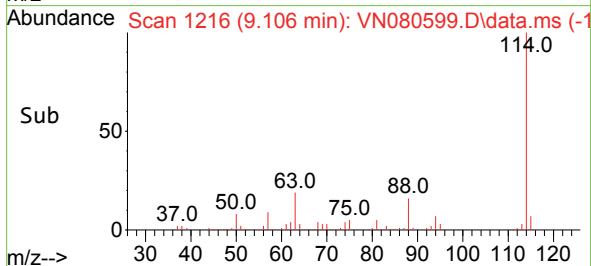
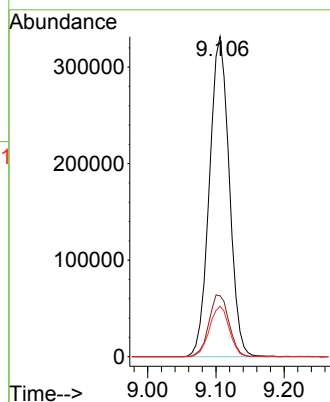
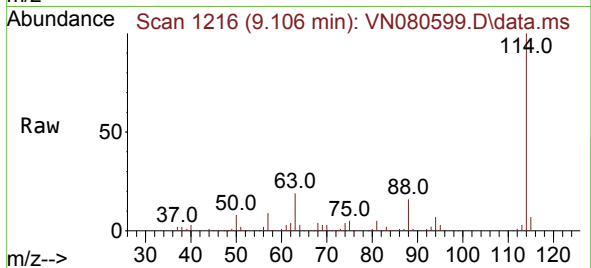
88 15.7 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

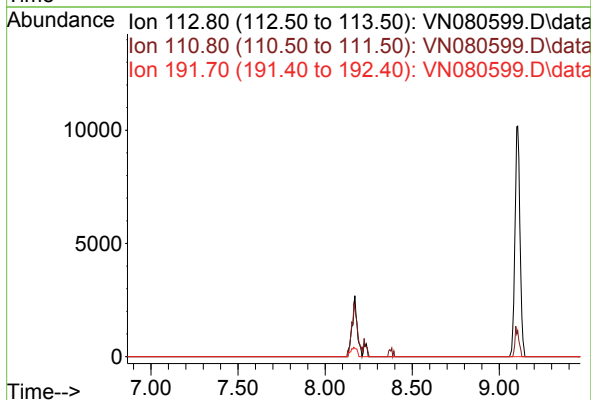
Tgt Ion: 113

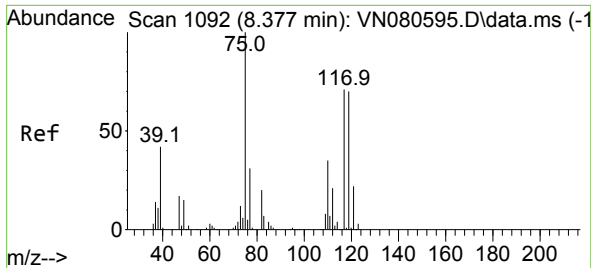
Sig Exp Ratio

113 100

111 103.2

192 15.9





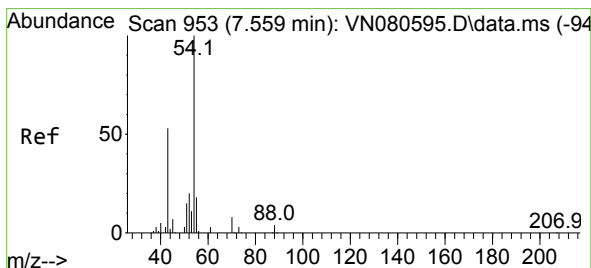
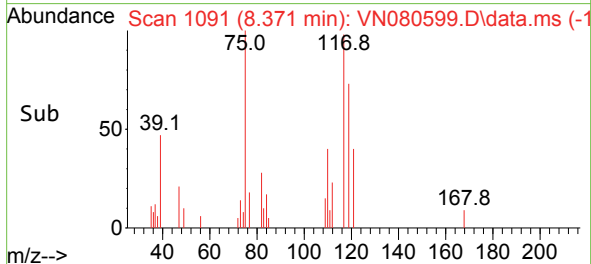
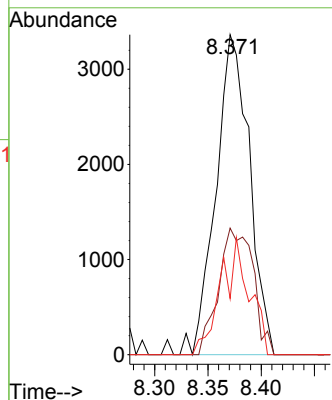
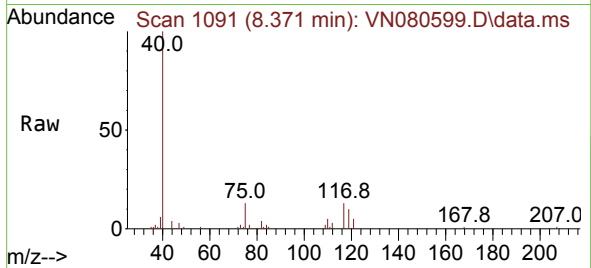
#36
1,1-Dichloropropene
Concen: 1.107 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 7378
Ion Ratio Lower Upper
75 100
110 40.6 19.1 57.3
77 31.2 25.0 37.4

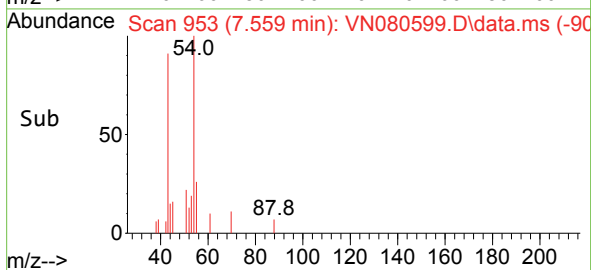
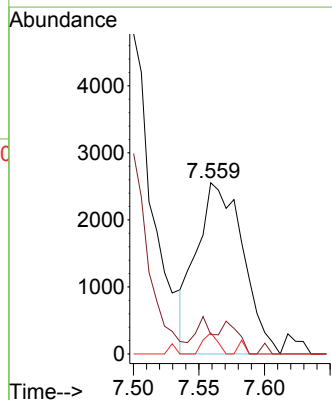
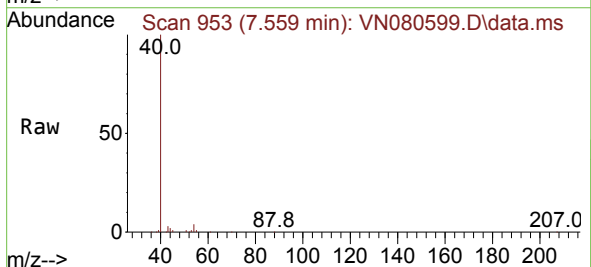
Manual Integrations
APPROVED

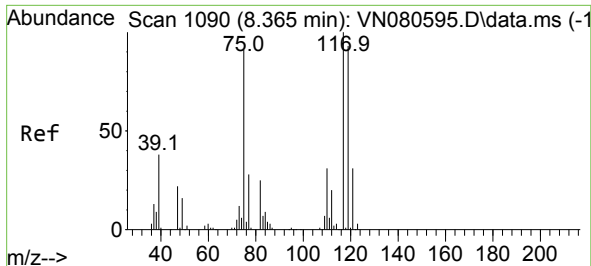
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#37
Ethyl Acetate
Concen: 1.254 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

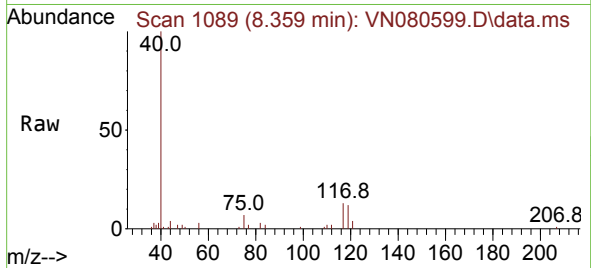
Tgt Ion: 43 Resp: 6305
Ion Ratio Lower Upper
43 100
61 8.1 13.2 19.8#
70 3.9 11.3 16.9#





#38
Carbon Tetrachloride
Concen: 1.124 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

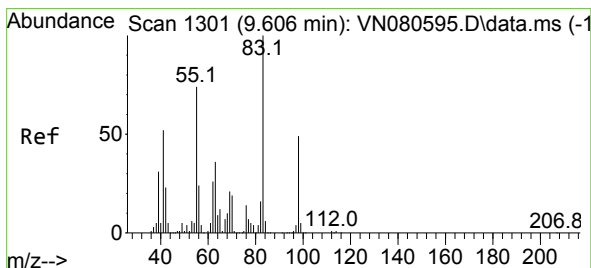
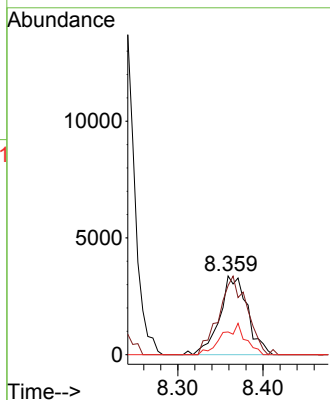
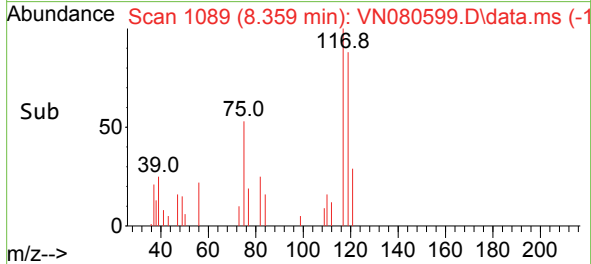
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 7662
Ion Ratio Lower Upper
117 100
119 87.8 77.3 115.9
121 28.8 23.3 34.9

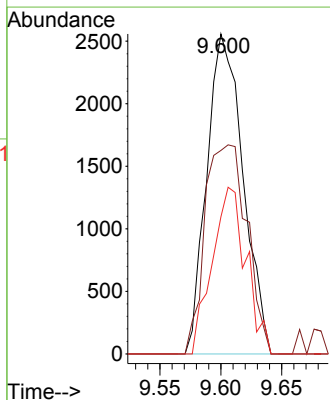
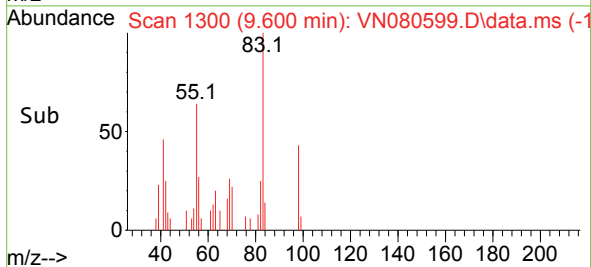
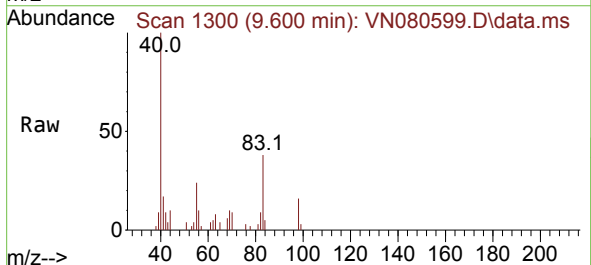
Manual Integrations
APPROVED

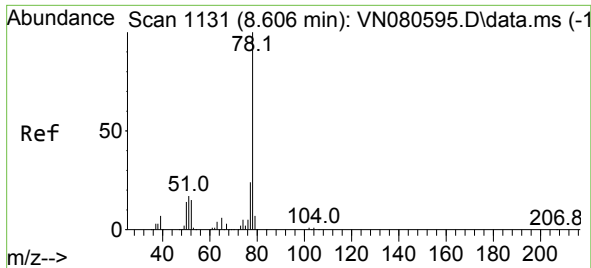
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#39
Methylcyclohexane
Concen: 0.970 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

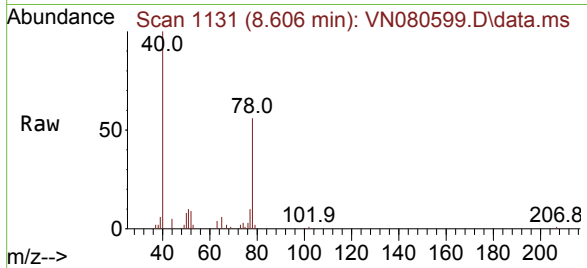
Tgt Ion: 83 Resp: 5302
Ion Ratio Lower Upper
83 100
55 63.6 49.1 73.7
98 42.8 40.6 61.0





#40
Benzene
Concen: 1.320 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

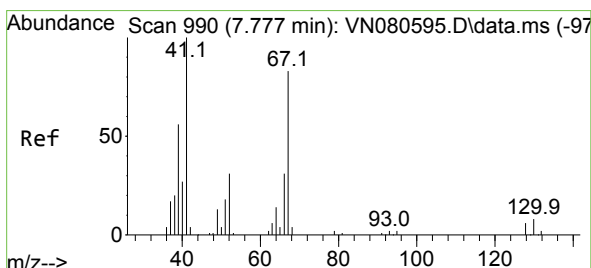
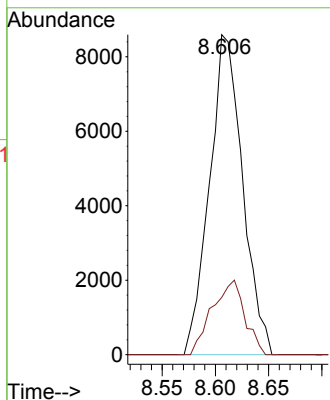
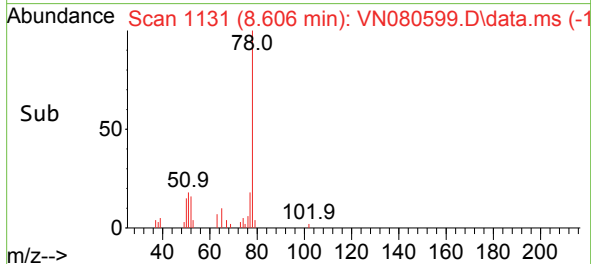
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 1856
Ion Ratio Lower Upper
78 100
77 17.9 19.0 28.6

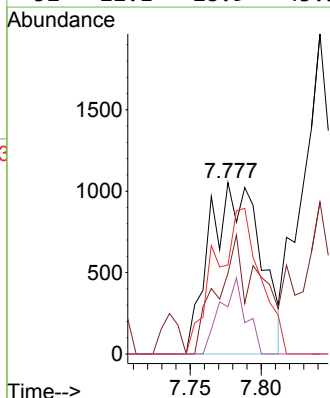
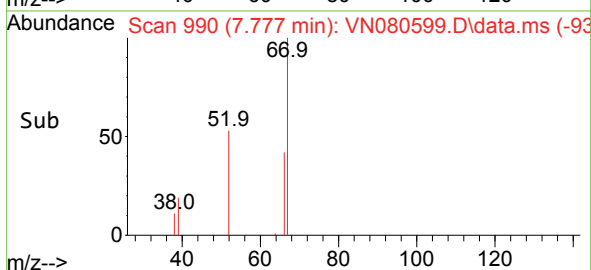
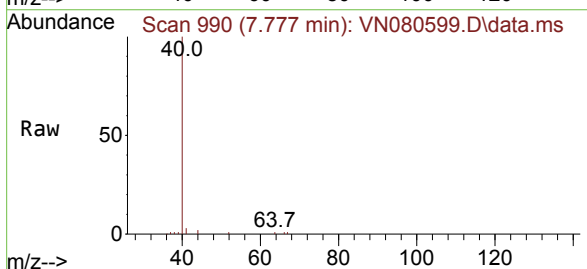
Manual Integrations
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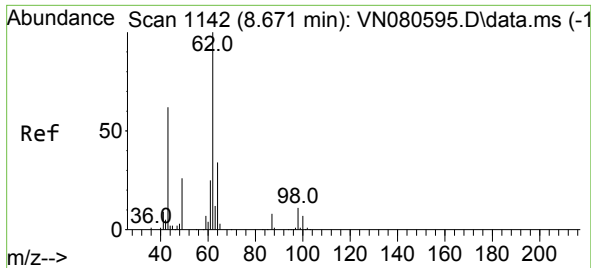
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#41
Methacrylonitrile
Concen: 0.845 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Tgt Ion: 41 Resp: 2621
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 74.7 77.5 116.3#
52 22.1 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.113 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

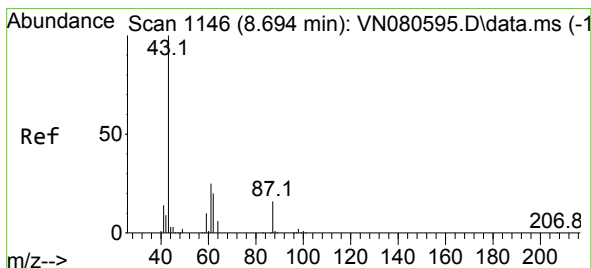
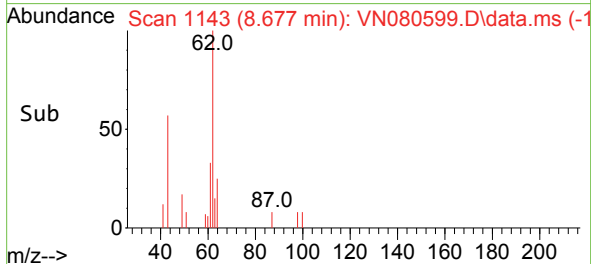
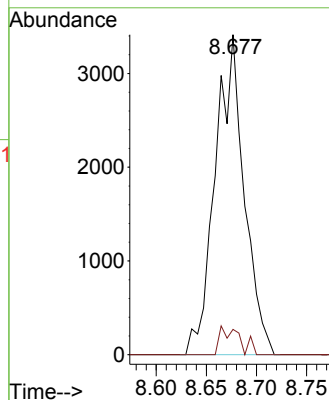
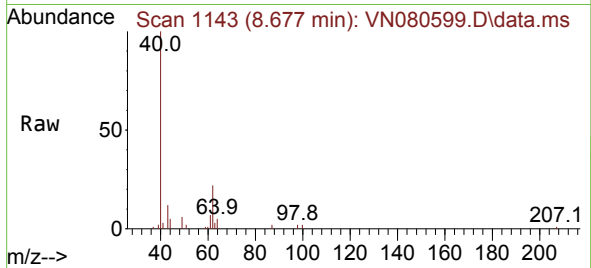
Tgt Ion: 62 Resp: 687
 Ion Ratio Lower Upper
 62 100
 98 6.1 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#43

Isopropyl Acetate

Concen: 1.006 ug/l

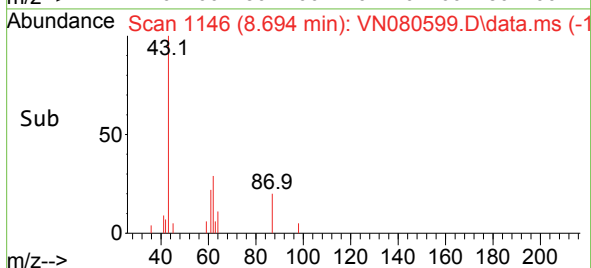
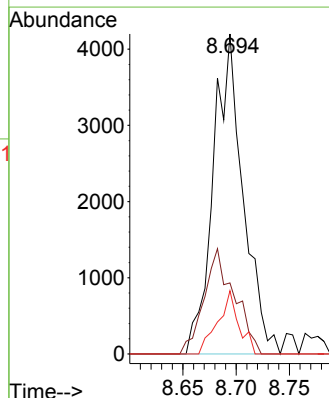
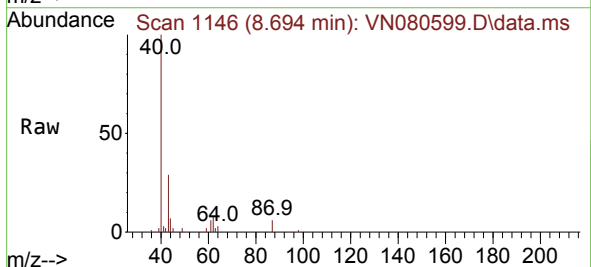
RT: 8.694 min Scan# 1146

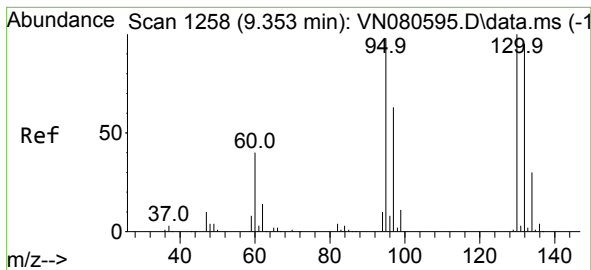
Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Tgt Ion: 43 Resp: 8198
 Ion Ratio Lower Upper
 43 100
 61 33.5 24.7 37.1
 87 13.8 14.6 21.8





#44

Trichloroethene

Concen: 1.084 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 5390

Ion Ratio Lower Upper

130 100

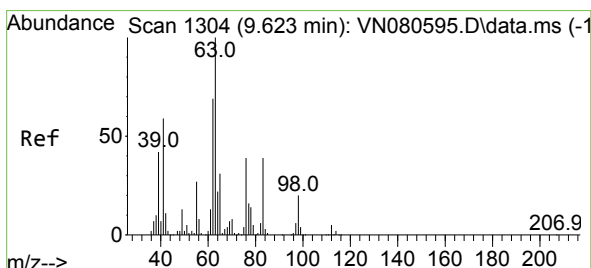
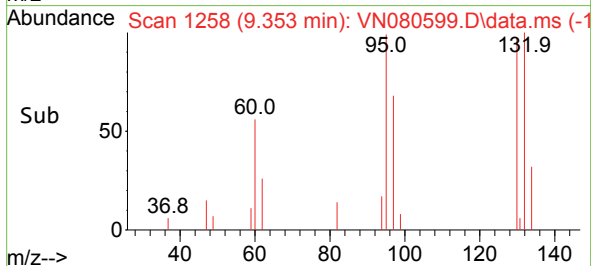
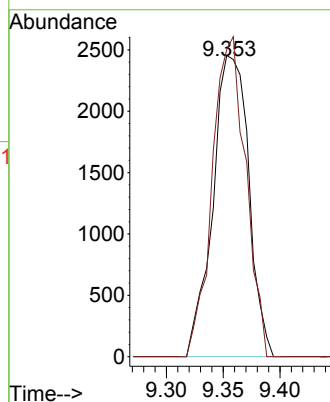
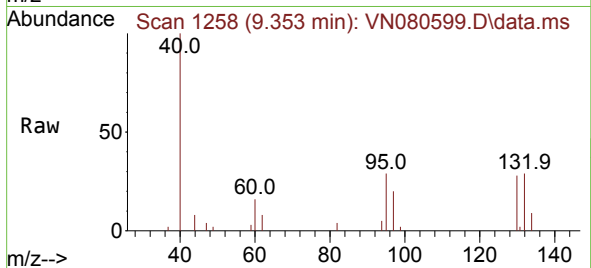
95 102.0 0.0 204.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#45

1,2-Dichloropropane

Concen: 1.042 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080599.D

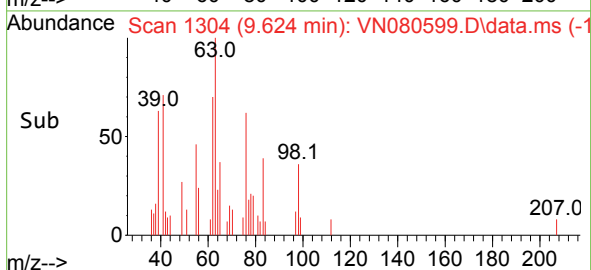
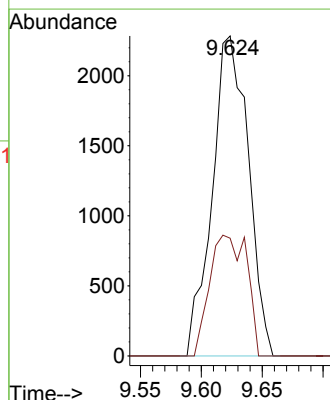
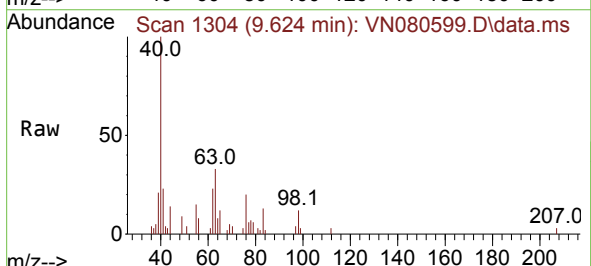
Acq: 27 Dec 2023 13:47

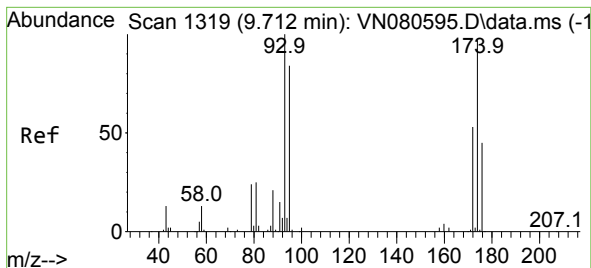
Tgt Ion: 63 Resp: 4719

Ion Ratio Lower Upper

63 100

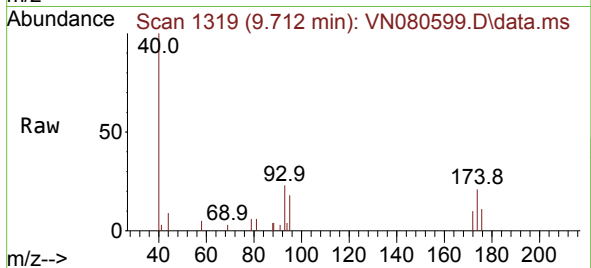
65 36.8 23.9 35.9#





#46
Dibromomethane
Concen: 1.053 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

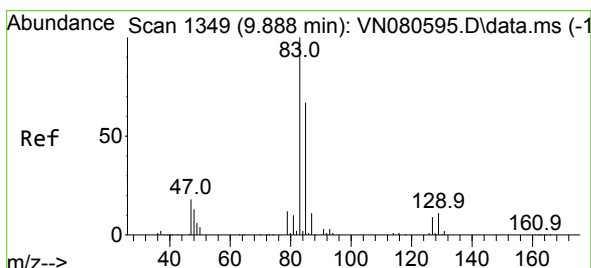
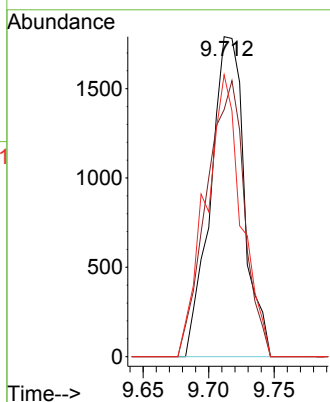
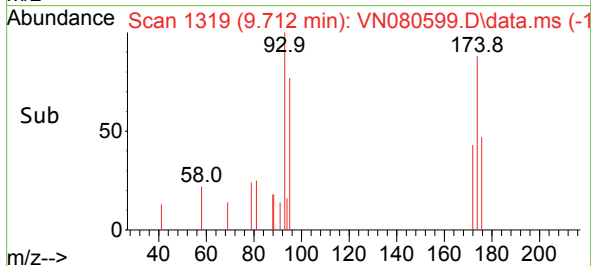
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 3210
Ion Ratio Lower Upper
93 100
95 96.7 63.8 95.8
174 93.6 65.6 98.4

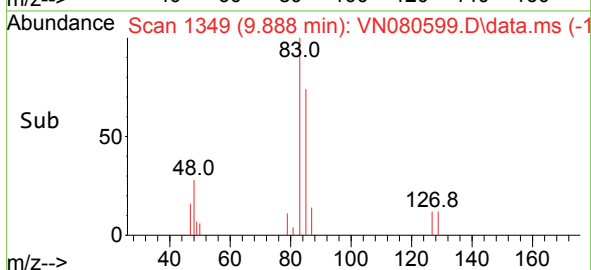
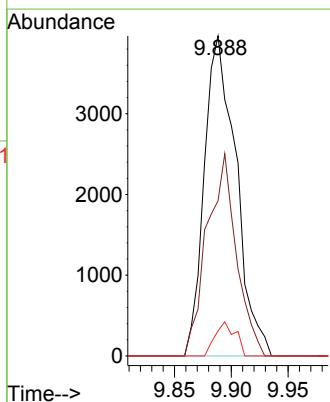
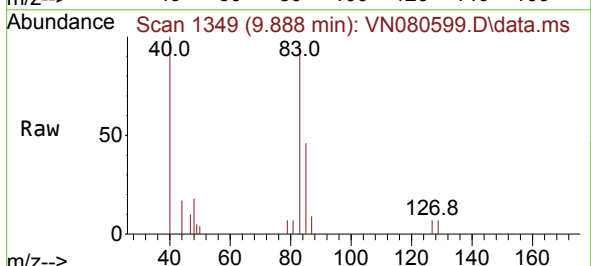
Manual Integrations
APPROVED

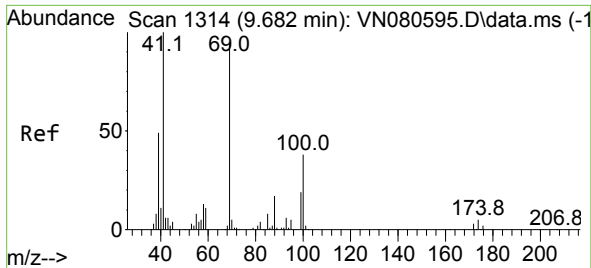
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#47
Bromodichloromethane
Concen: 1.202 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Tgt Ion: 83 Resp: 7679
Ion Ratio Lower Upper
83 100
85 48.5 49.6 74.4
127 7.8 7.0 10.6





#48

Methyl methacrylate

Concen: 1.010 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

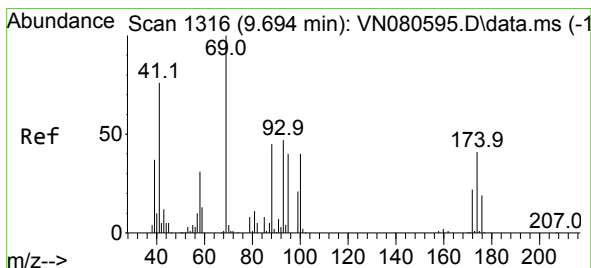
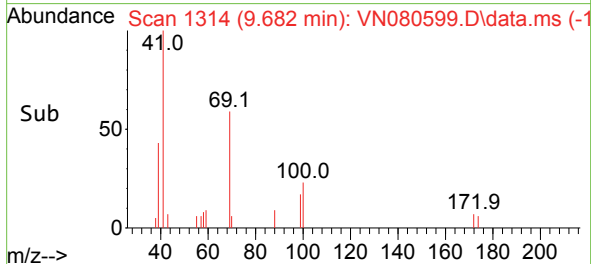
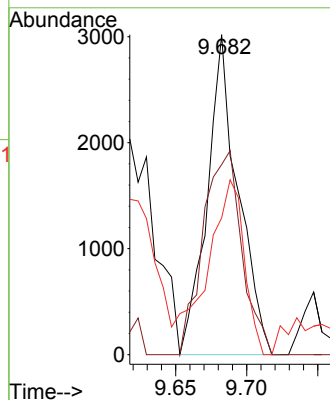
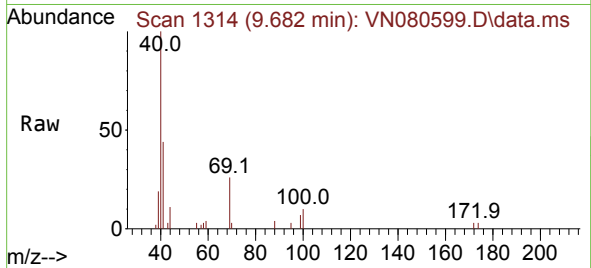
Tgt Ion: 41	Resp: 4569
Ion Ratio	Lower Upper
41	100
69	79.6 90.4 135.6
39	62.2 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#49

1,4-Dioxane

Concen: 18.955 ug/l

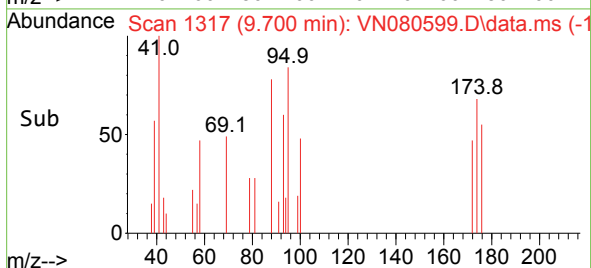
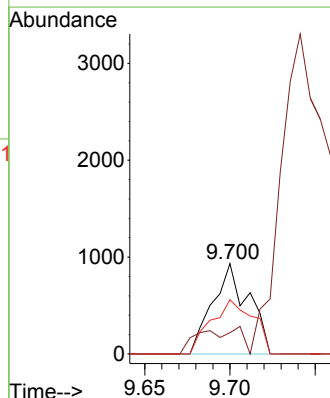
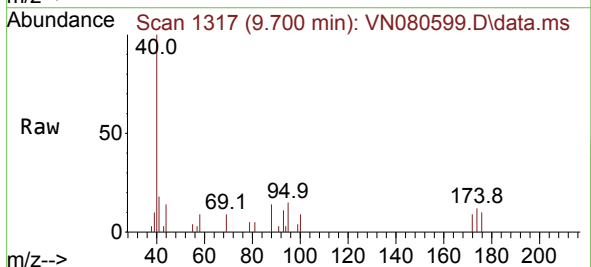
RT: 9.700 min Scan# 1317

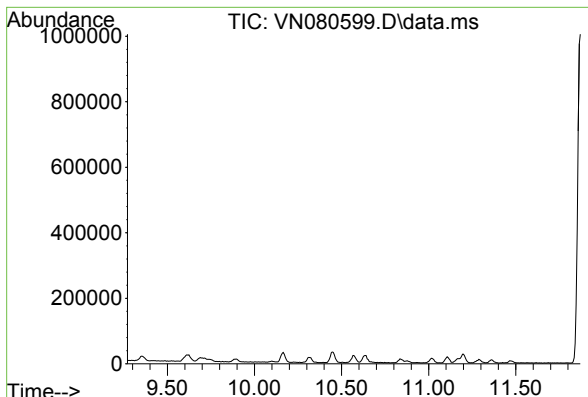
Delta R.T. 0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Tgt Ion: 88	Resp: 1371
Ion Ratio	Lower Upper
88	100
43	26.3 17.0 25.6
58	70.2 47.0 70.4





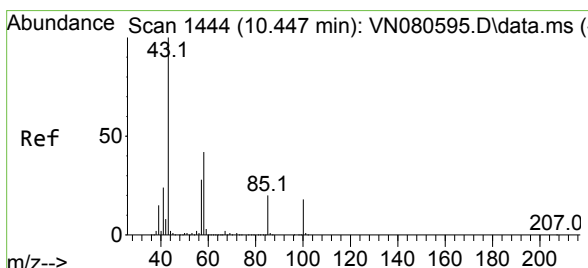
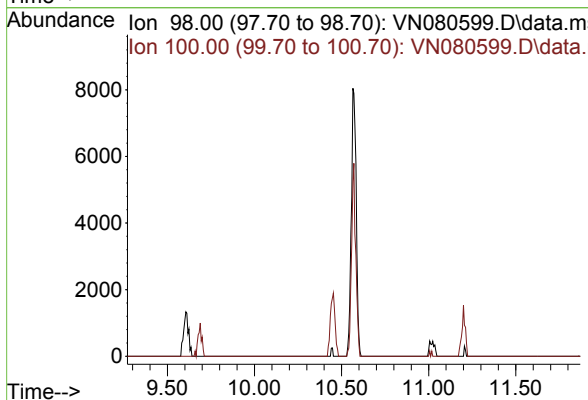
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.0

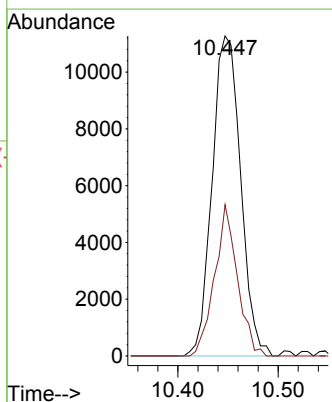
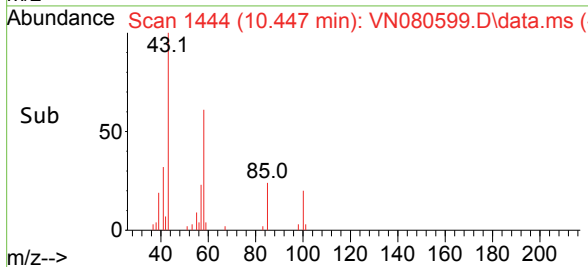
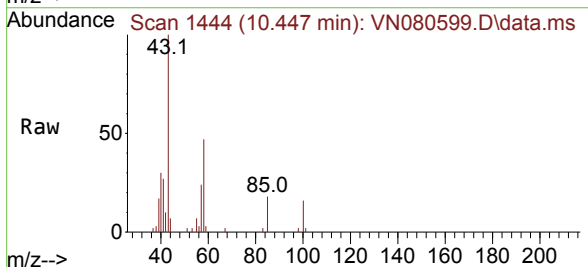
Manual Integrations
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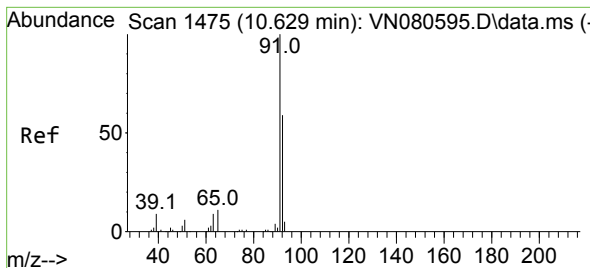
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.787 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Tgt Ion: 43 Resp: 22188
 Ion Ratio Lower Upper
 43 100
 58 38.0 36.6 54.8





#52

Toluene

Concen: 0.928 ug/l

RT: 10.641 min Scan# 1477

Delta R.T. 0.012 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 9829

Ion Ratio Lower Upper

92 100

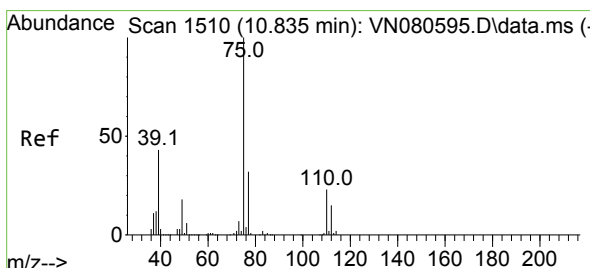
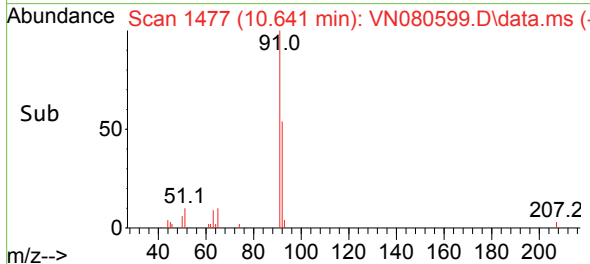
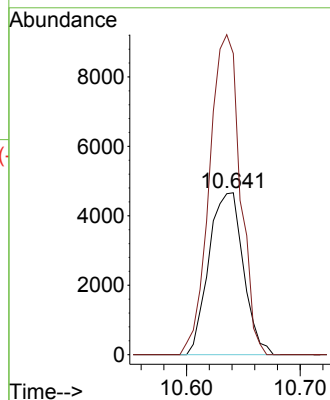
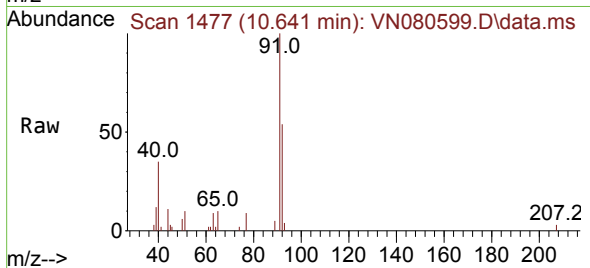
91 177.4 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#53

t-1,3-Dichloropropene

Concen: 1.015 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080599.D

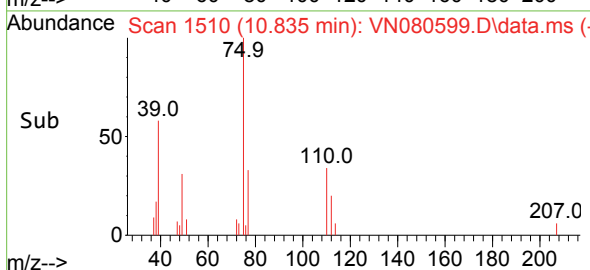
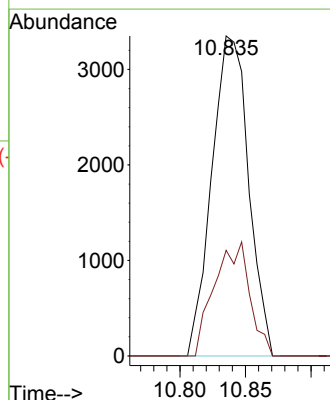
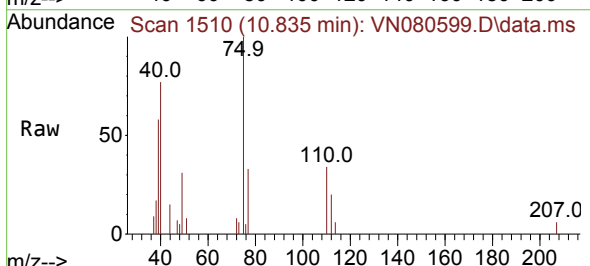
Acq: 27 Dec 2023 13:47

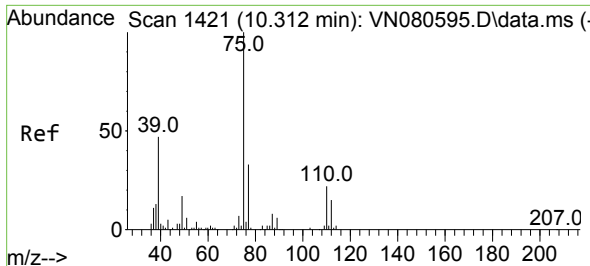
Tgt Ion: 75 Resp: 6538

Ion Ratio Lower Upper

75 100

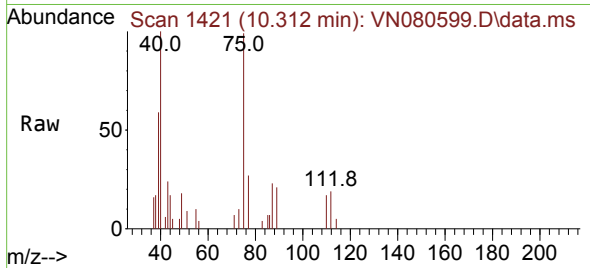
77 33.0 25.4 38.0





#54
 cis-1,3-Dichloropropene
 Concen: 0.984 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

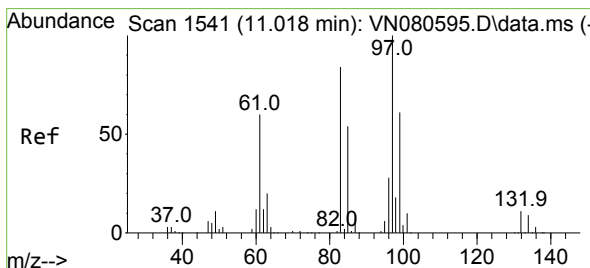
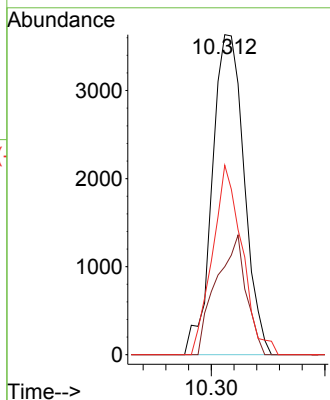
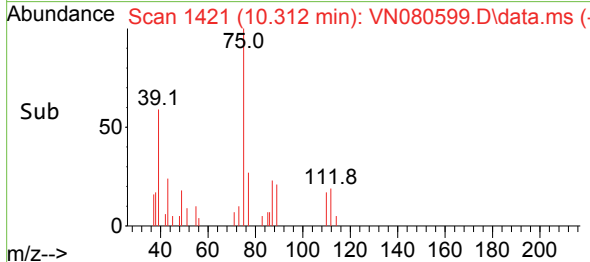
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 709
 Ion Ratio Lower Upper
 75 100
 77 27.5 26.1 39.1
 39 59.2 31.6 47.4

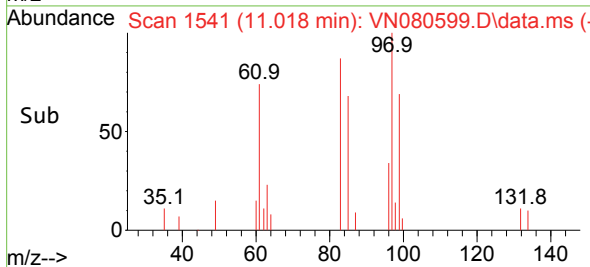
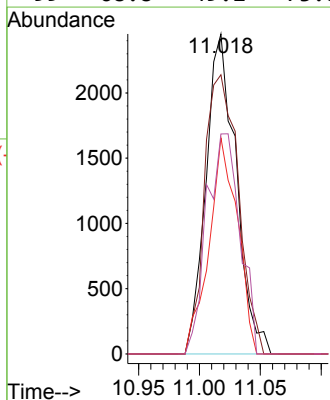
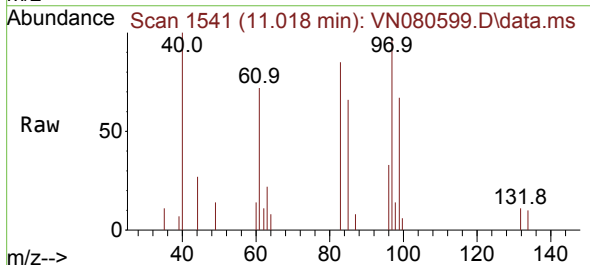
Manual Integrations
 APPROVED

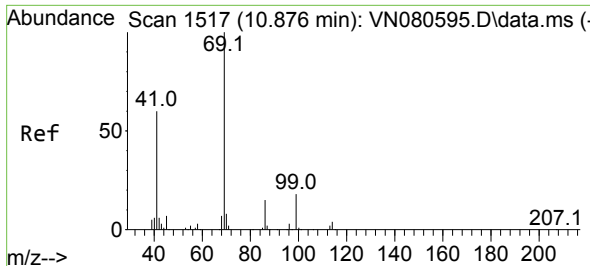
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#55
 1,1,2-Trichloroethane
 Concen: 1.000 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

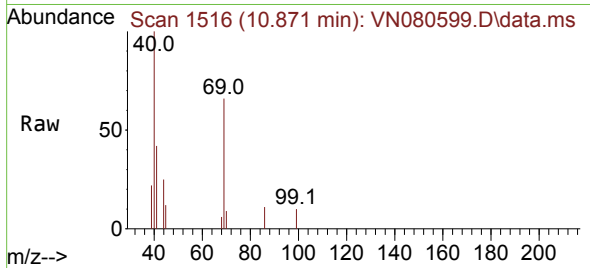
Tgt Ion: 97 Resp: 4202
 Ion Ratio Lower Upper
 97 100
 83 87.2 65.1 97.7
 85 67.5 43.4 65.2#
 99 68.8 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.782 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

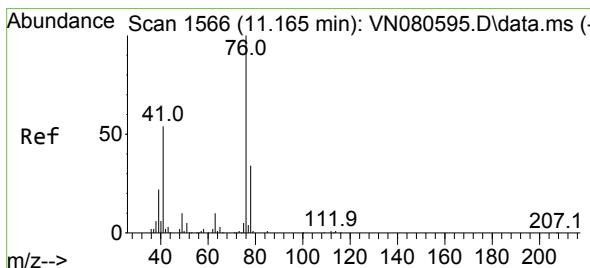
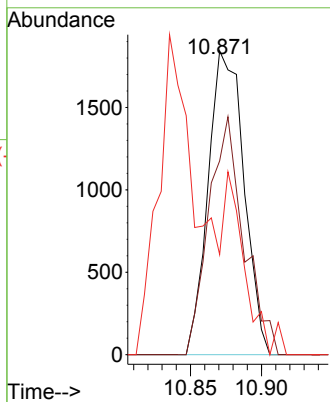
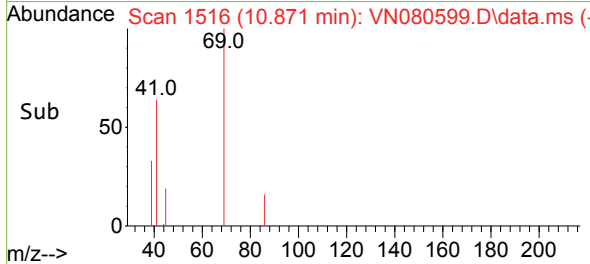
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 322
Ion Ratio Lower Upper
69 100
41 77.2 39.6 59.4
39 0.0 28.6 43.0

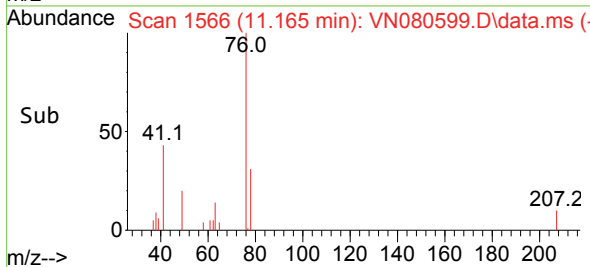
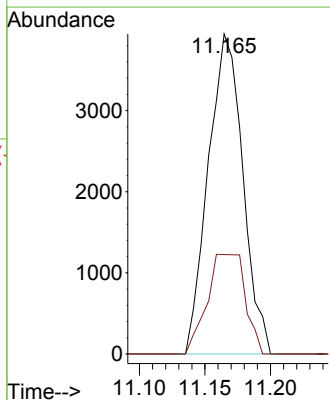
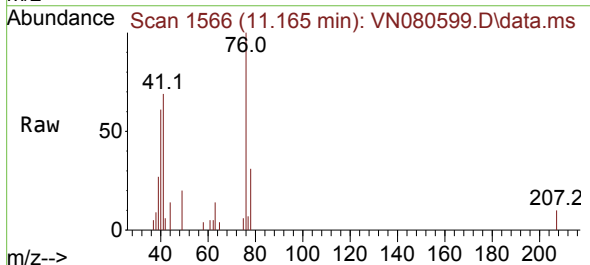
Manual Integrations
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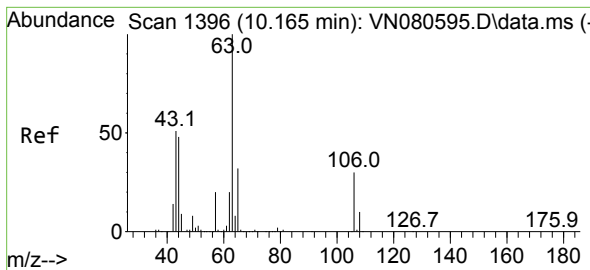
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#57
1,3-Dichloropropane
Concen: 1.016 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

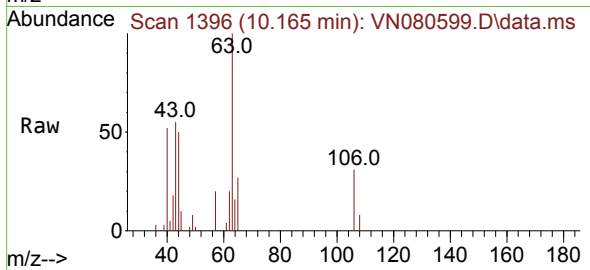
Tgt Ion: 76 Resp: 7236
Ion Ratio Lower Upper
76 100
78 34.3 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 4.771 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

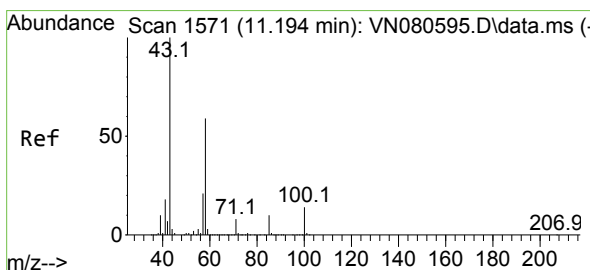
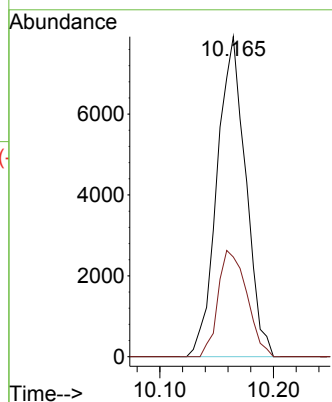
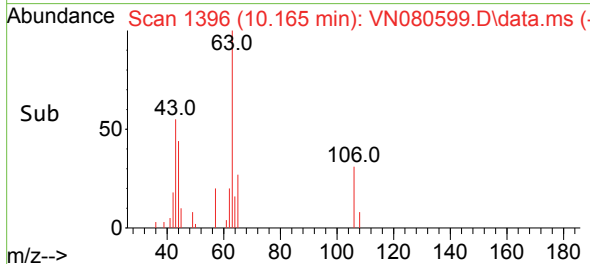
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



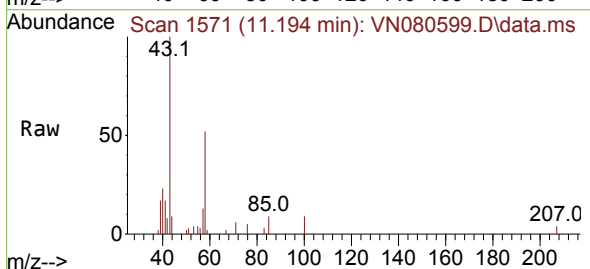
Tgt Ion: 63 Resp: 1386
Ion Ratio Lower Upper
63 100
106 33.3 26.2 39.4

Manual Integrations
APPROVED

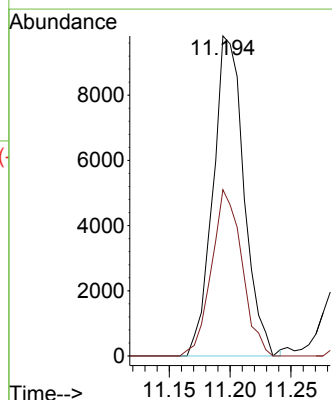
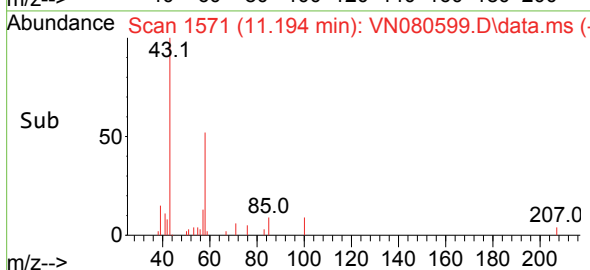
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

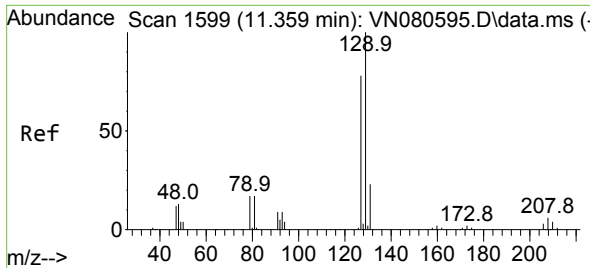


#59
2-Hexanone
Concen: 4.968 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



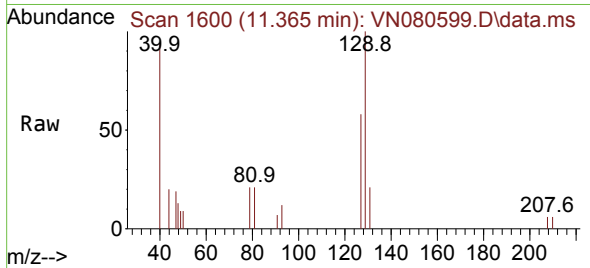
Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
58 51.0 31.7 95.1





#60
Dibromochloromethane
Concen: 1.066 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

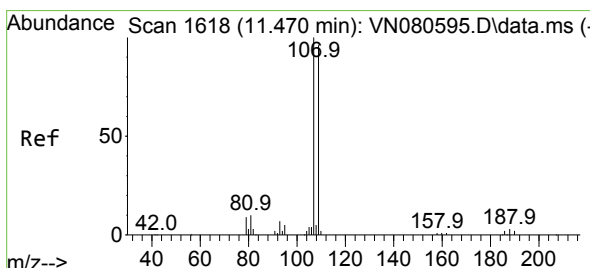
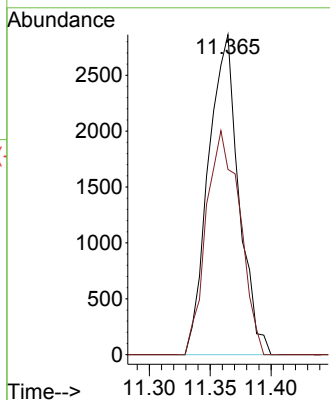
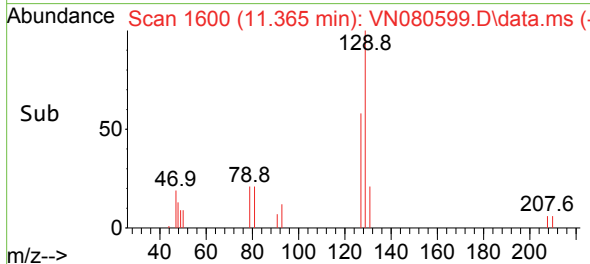
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



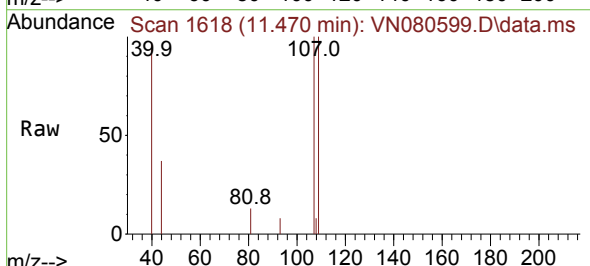
Tgt Ion:129 Resp: 4990
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

Manual Integrations
APPROVED

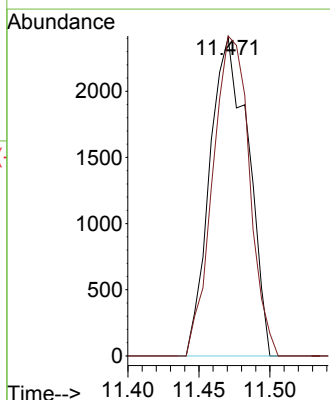
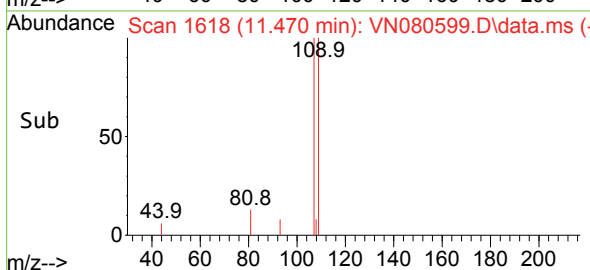
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

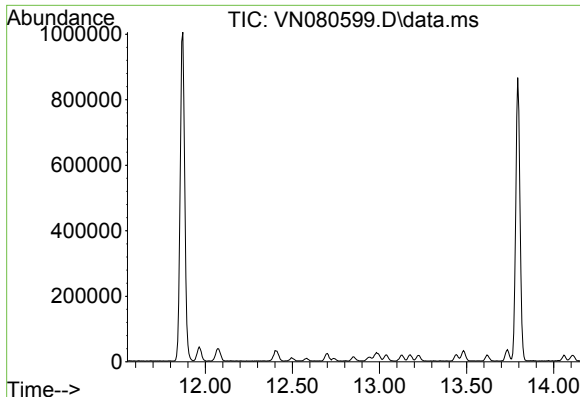


#61
1,2-Dibromoethane
Concen: 1.070 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



Tgt Ion:107 Resp: 4534
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

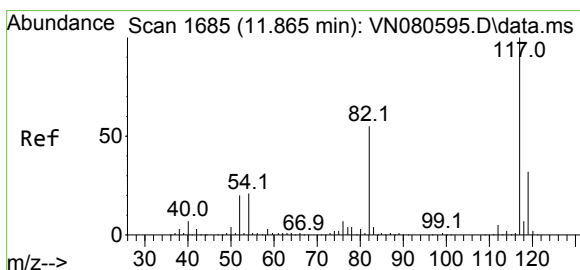
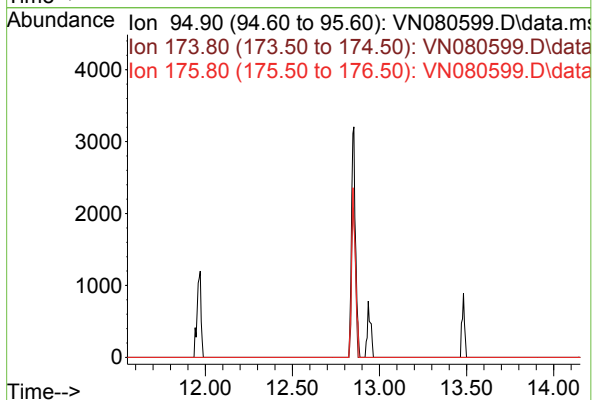
VSTDICC001

Manual Integrations

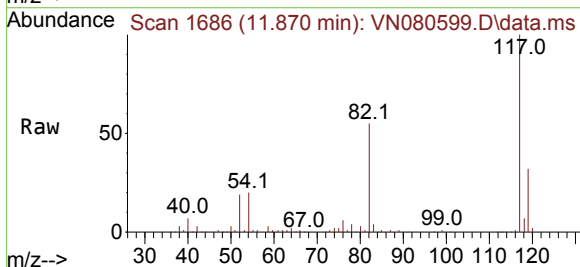
APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024

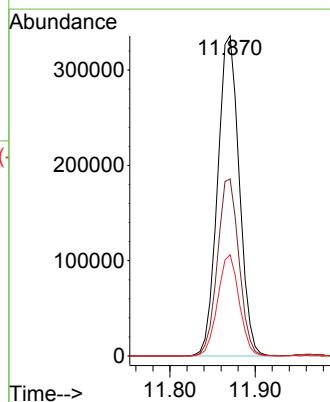
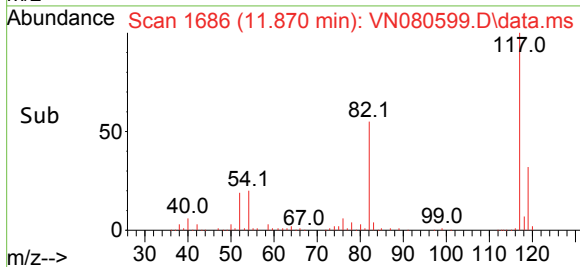


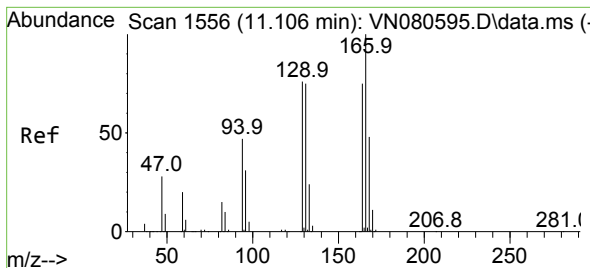
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47



Tgt Ion:117 Resp: 593889

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.0	66.0
119	31.6	25.6	38.4





#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN080599.D

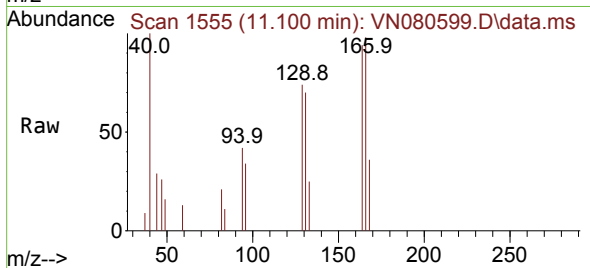
Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



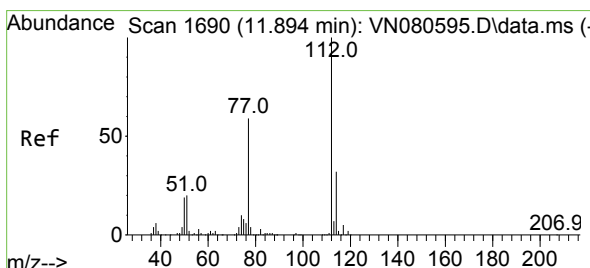
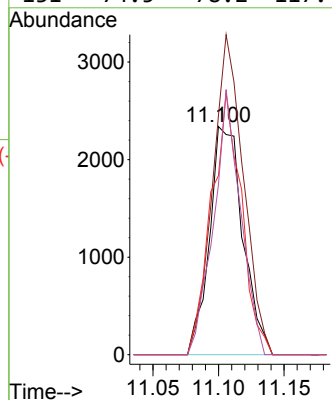
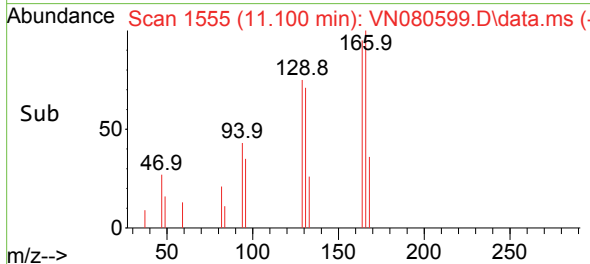
Tgt Ion:	164	Resp:	4134
Ion	Ratio	Lower	Upper
164	100		
166	104.8	101.4	152.0
129	78.5	82.4	123.6
131	74.5	78.2	117.4

Manual Integrations

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Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#65

Chlorobenzene

Concen: 1.032 ug/l

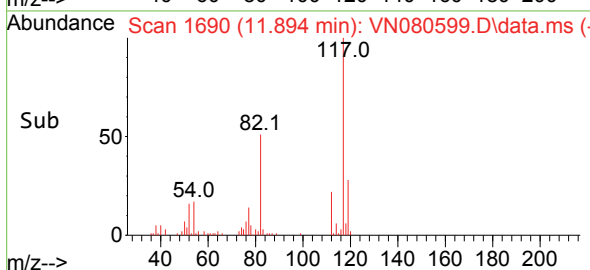
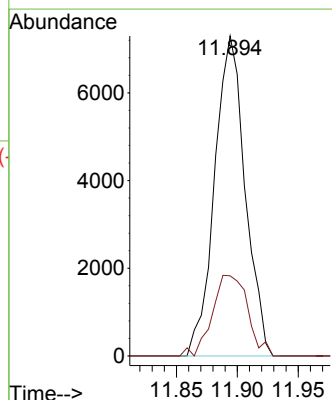
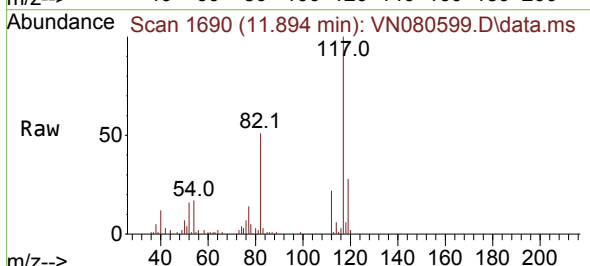
RT: 11.894 min Scan# 1690

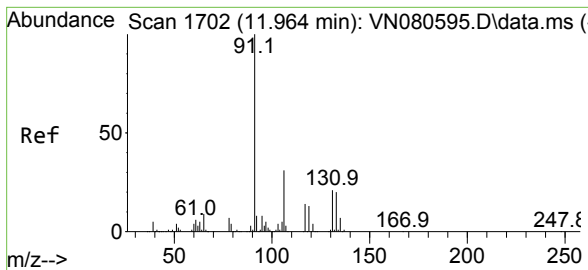
Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Tgt Ion:	112	Resp:	12746
Ion	Ratio	Lower	Upper
112	100		
114	25.1	25.0	37.4





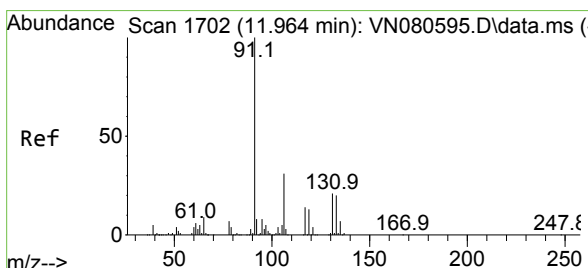
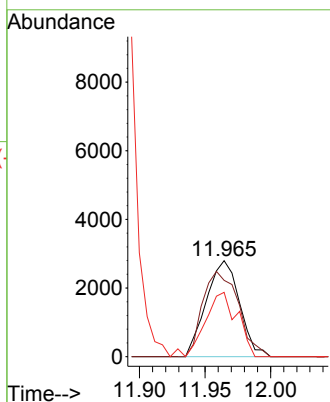
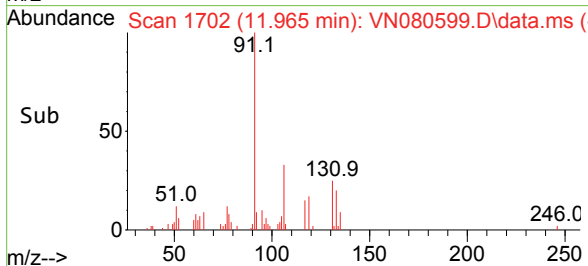
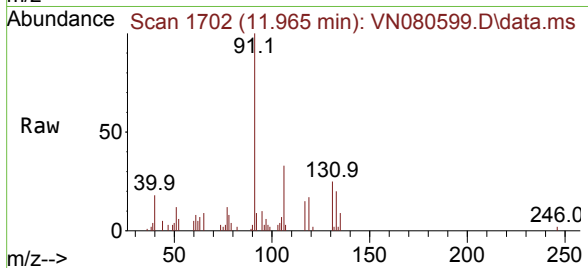
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.038 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:	131	Resp:	493
Ion Ratio	Lower	Upper	
131	100		
133	95.5	46.4	139.1
119	0.0	34.1	102.2

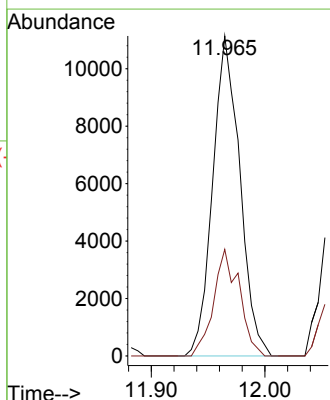
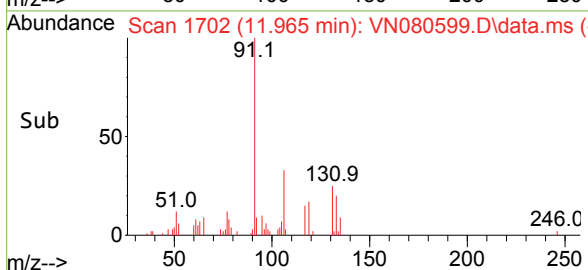
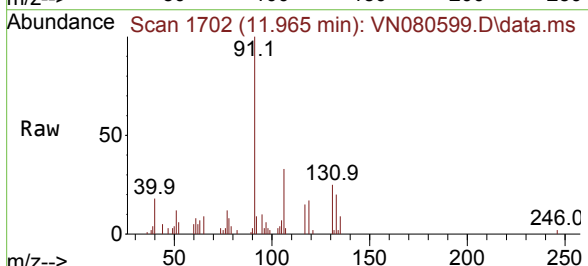
Manual Integrations
 APPROVED

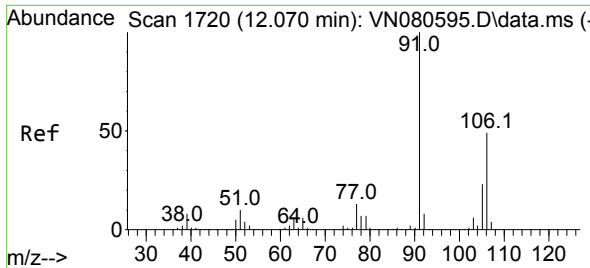
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#67
 Ethyl Benzene
 Concen: 0.894 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Tgt Ion:	91	Resp:	18470
Ion Ratio	Lower	Upper	
91	100		
106	33.3	25.6	38.4





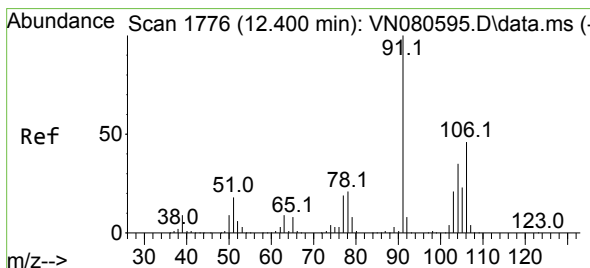
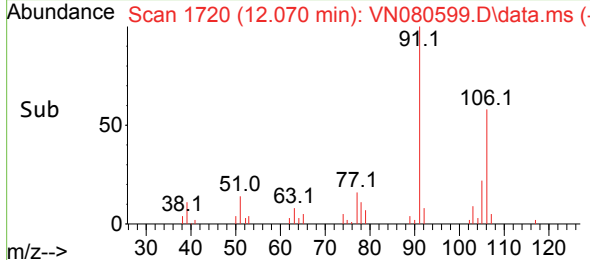
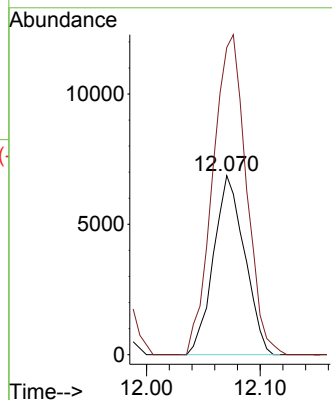
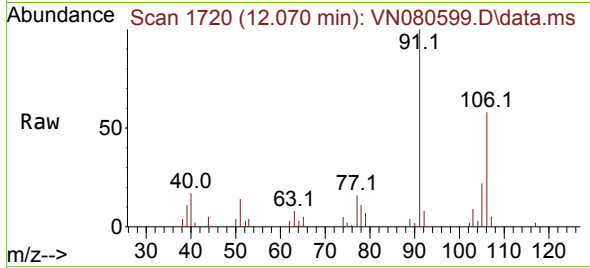
#68
m/p-Xylenes
Concen: 1.707 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 192.2 159.6 239.4

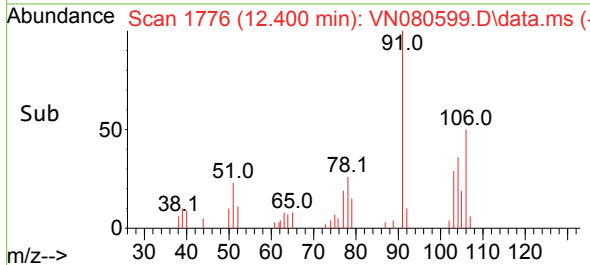
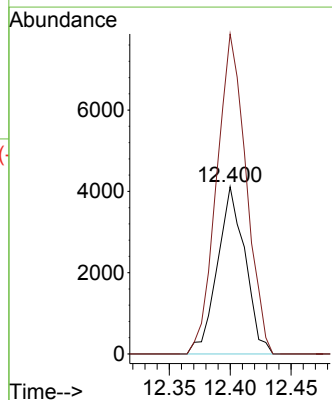
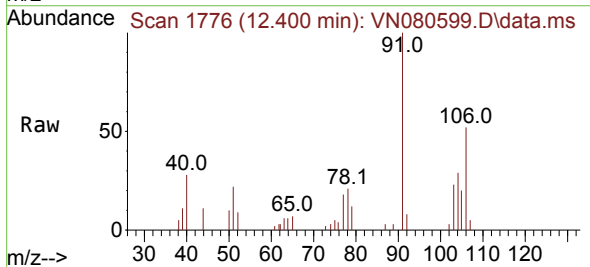
Manual Integrations
APPROVED

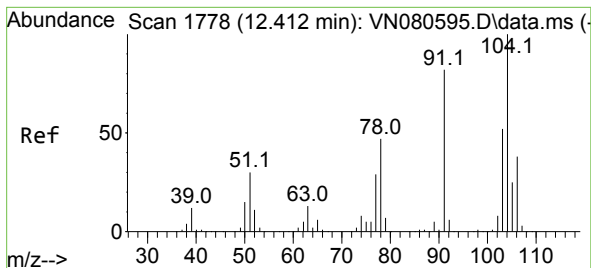
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#69
o-Xylene
Concen: 0.869 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Tgt Ion:106 Resp: 6538
Ion Ratio Lower Upper
106 100
91 203.4 105.2 315.5





#70

Styrene

Concen: 0.781 ug/l

RT: 12.418 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

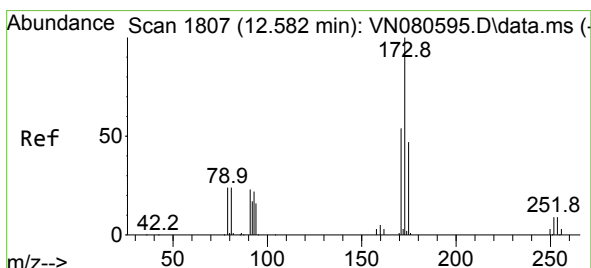
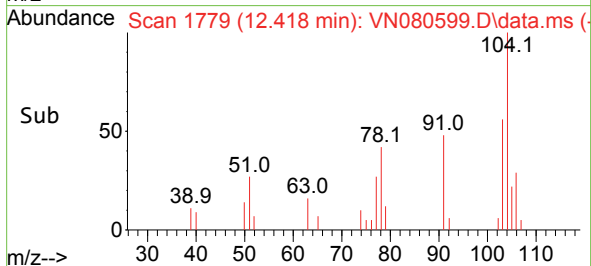
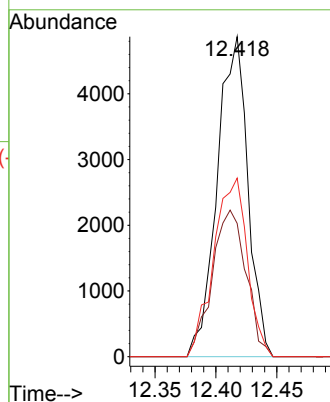
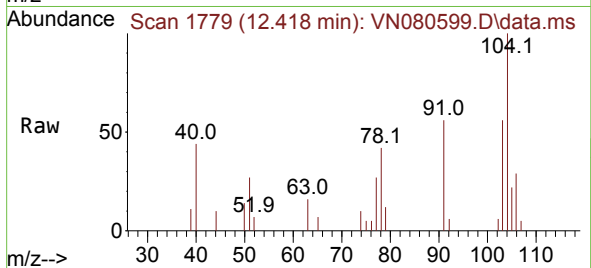
Tgt Ion:104 Resp: 8540
 Ion Ratio Lower Upper
 104 100
 78 50.7 39.5 59.3
 103 61.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#71

Bromoform

Concen: 0.972 ug/l

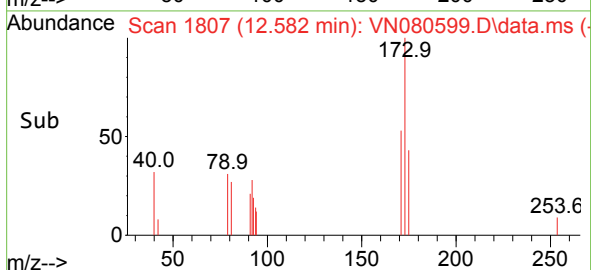
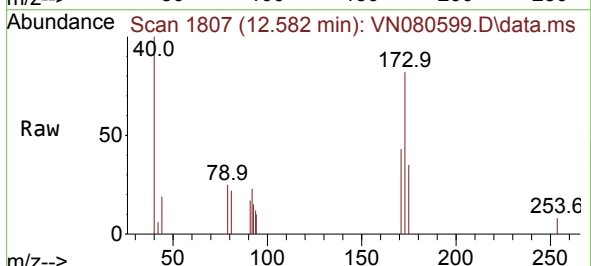
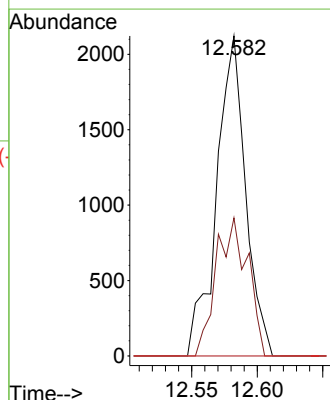
RT: 12.582 min Scan# 1807

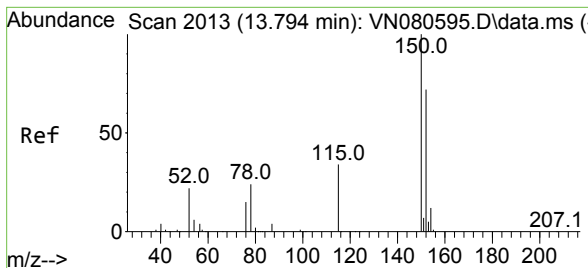
Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

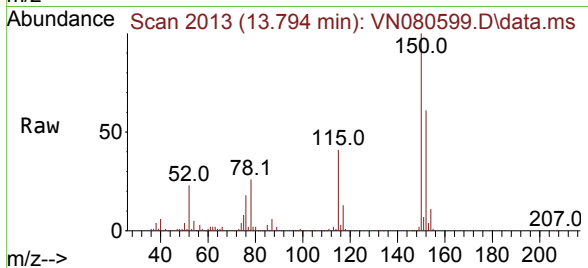
Tgt Ion:173 Resp: 3267
 Ion Ratio Lower Upper
 173 100
 175 47.0 24.3 73.0
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

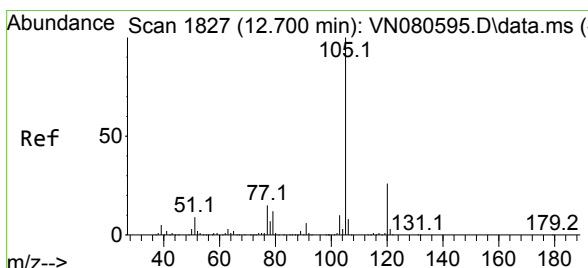
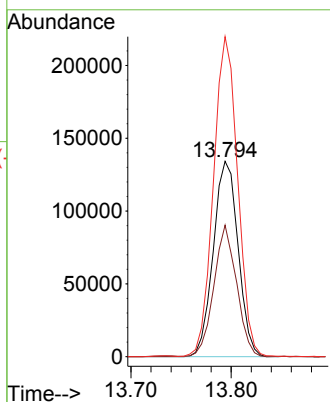
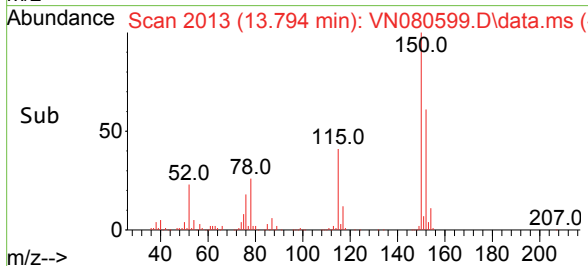
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



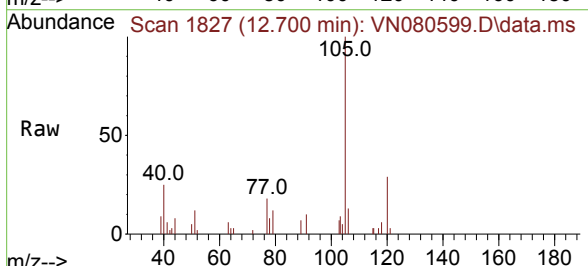
Tgt Ion:152 Resp: 230340
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 160.1 0.0 355.8

Manual Integrations
APPROVED

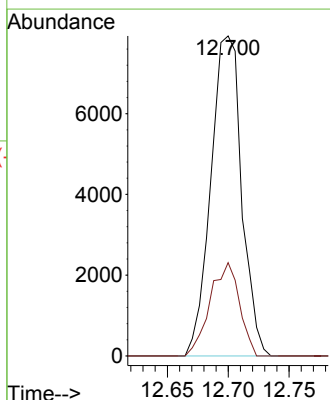
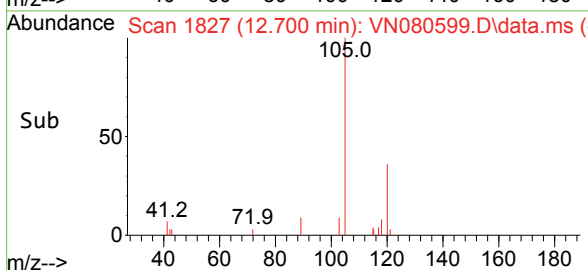
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

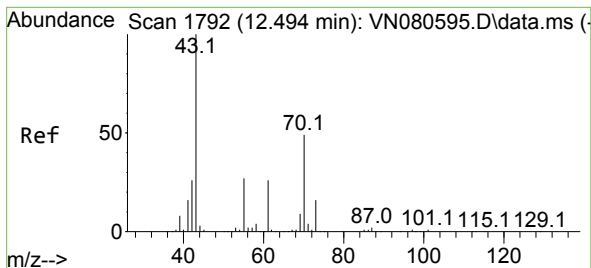


#73
Isopropylbenzene
Concen: 0.886 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



Tgt Ion:105 Resp: 13972
Ion Ratio Lower Upper
105 100
120 27.7 13.1 39.1





#74

N-amy1 acetate

Concen: 0.841 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080599.D

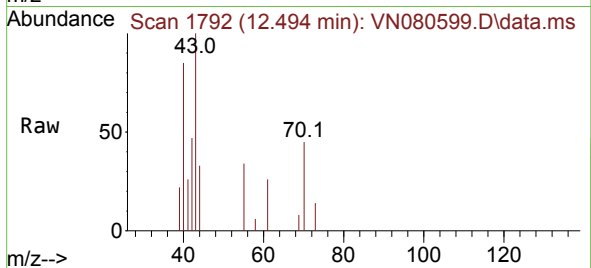
Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion: 43 Resp: 4678

Ion Ratio Lower Upper

43 100

70 44.9 43.4 65.2

55 33.5 21.4 32.0

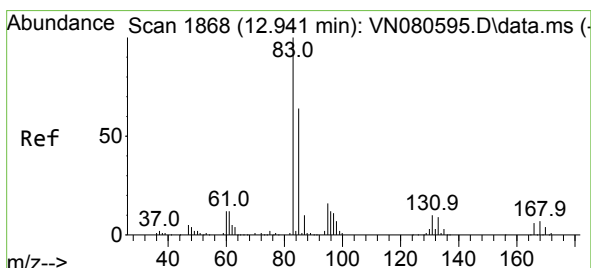
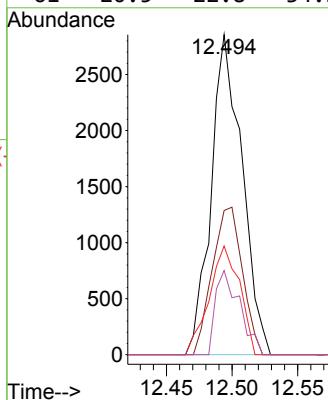
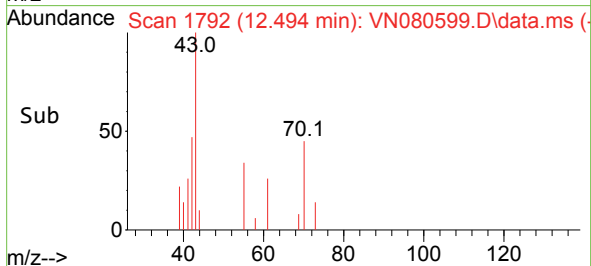
61 20.5 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 1.127 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

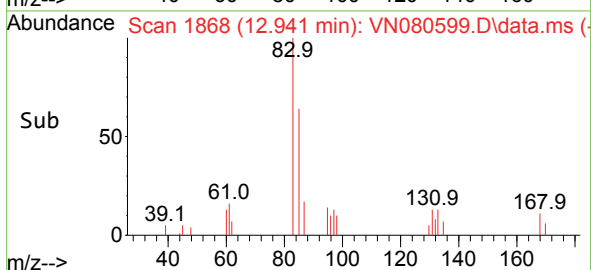
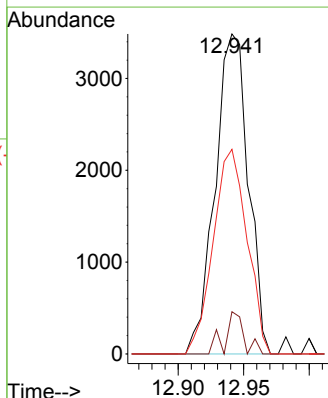
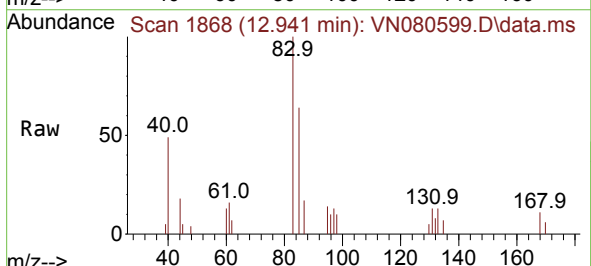
Tgt Ion: 83 Resp: 6134

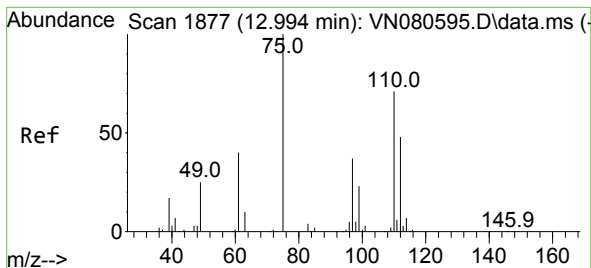
Ion Ratio Lower Upper

83 100

131 7.4 5.0 15.0

85 65.1 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 1.095 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

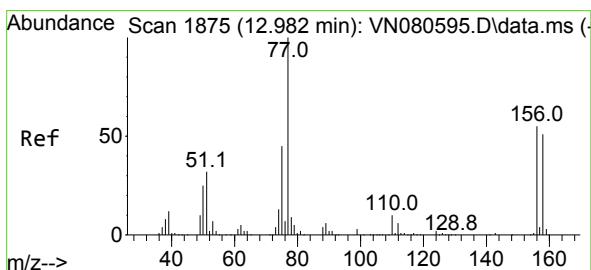
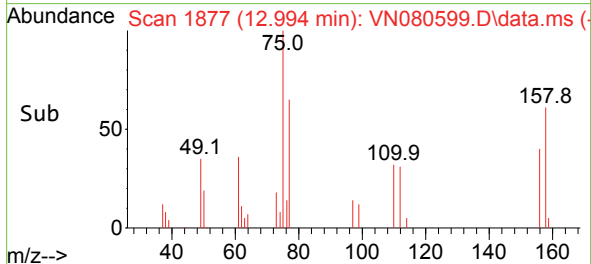
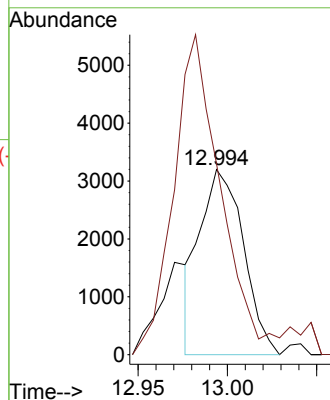
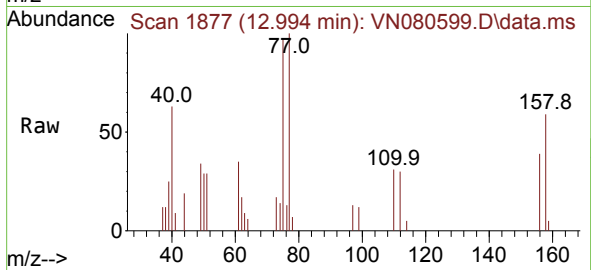
Tgt Ion: 75 Resp: 542
 Ion Ratio Lower Upper
 75 100
 77 187.0 84.5 253.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#77

Bromobenzene

Concen: 1.057 ug/l

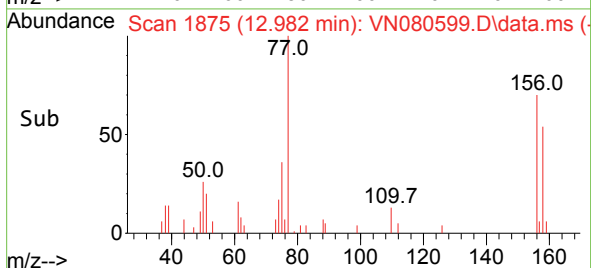
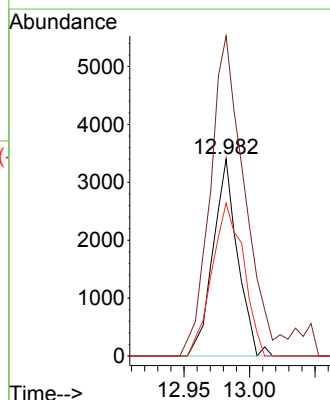
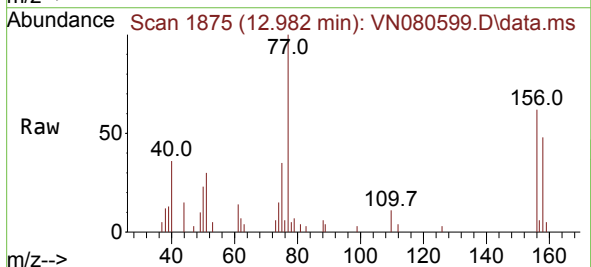
RT: 12.982 min Scan# 1875

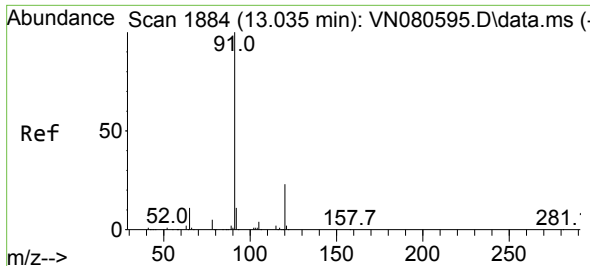
Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

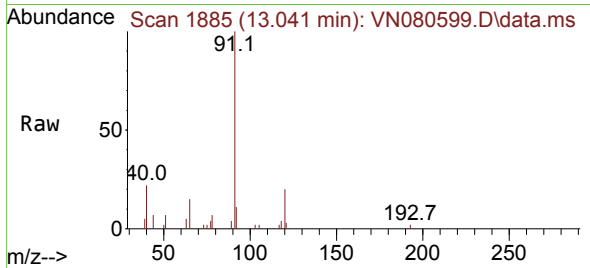
Tgt Ion:156 Resp: 4424
 Ion Ratio Lower Upper
 156 100
 77 229.2 107.7 323.3
 158 99.6 48.4 145.3





#78
n-propylbenzene
Concen: 0.868 ug/l
RT: 13.041 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

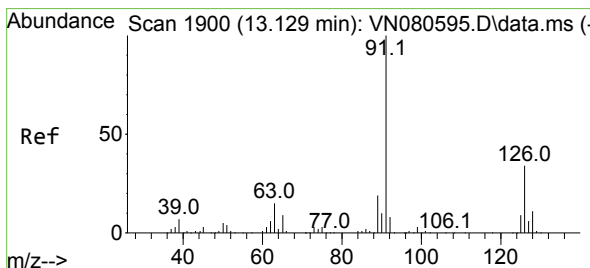
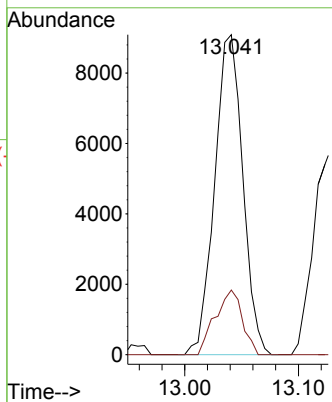
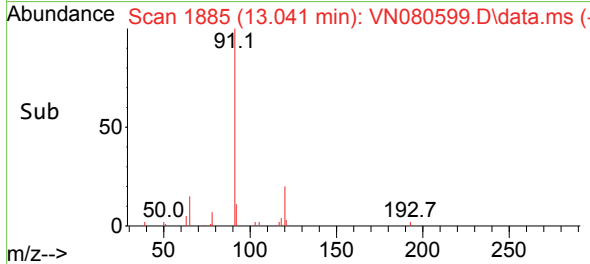
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 15640
Ion Ratio Lower Upper
91 100
120 19.4 11.5 34.4

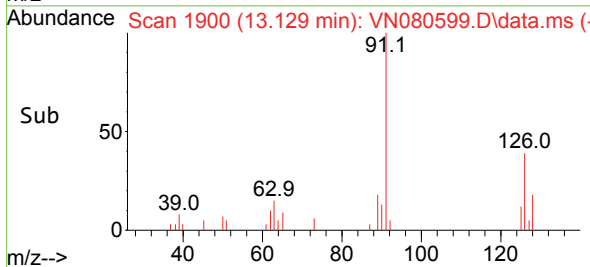
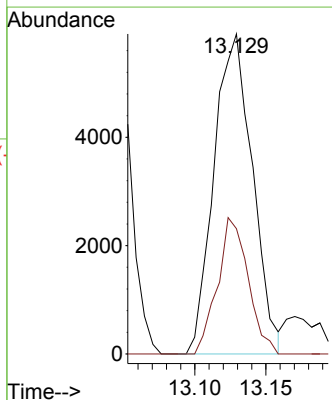
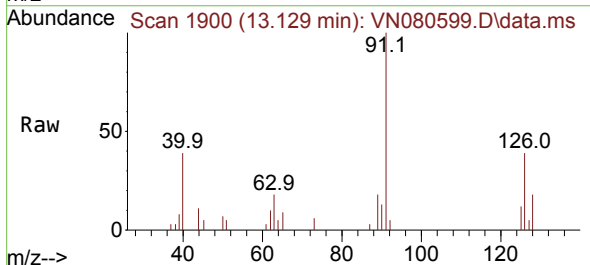
Manual Integrations
APPROVED

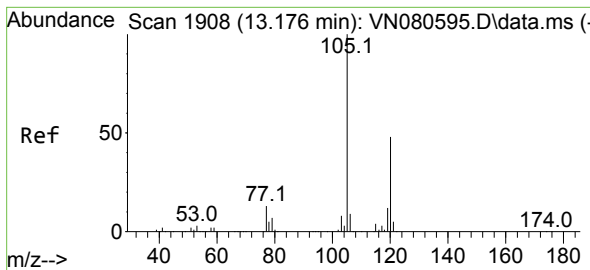
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#79
2-Chlorotoluene
Concen: 0.945 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

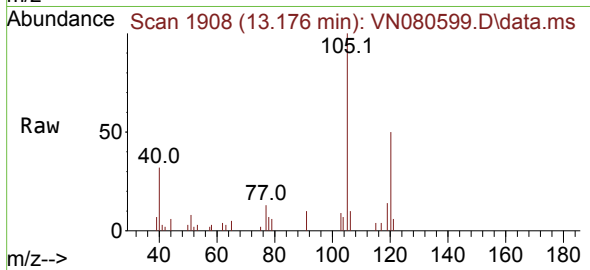
Tgt Ion: 91 Resp: 11122
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 0.845 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

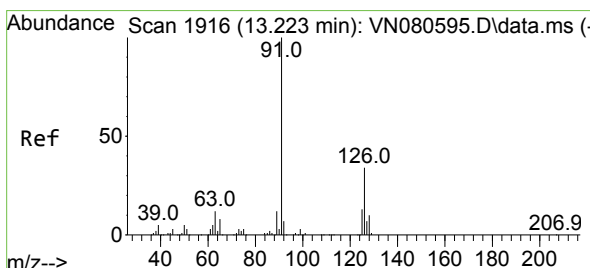
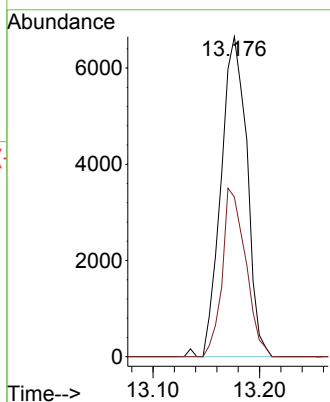
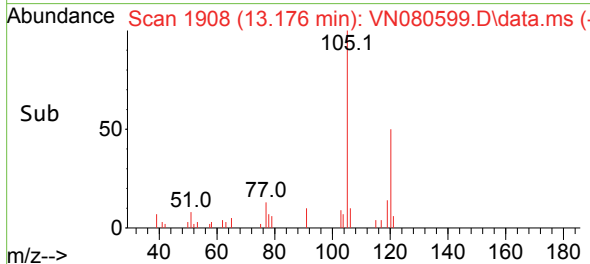
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



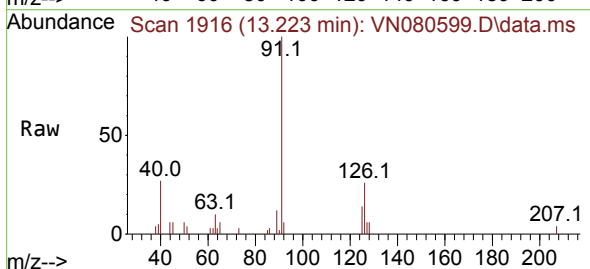
Tgt Ion:105 Resp: 1125
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

Manual Integrations
APPROVED

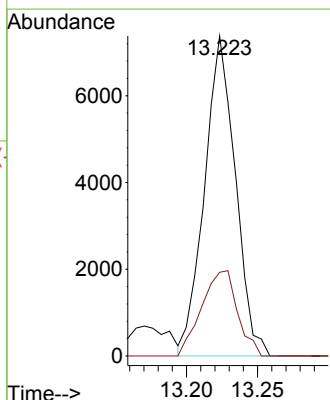
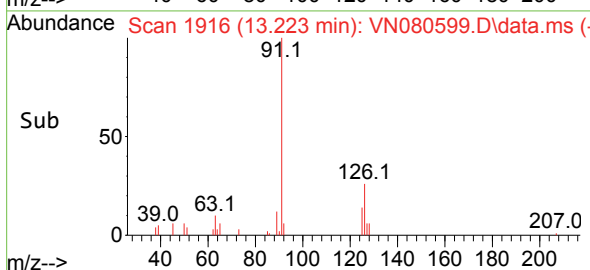
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

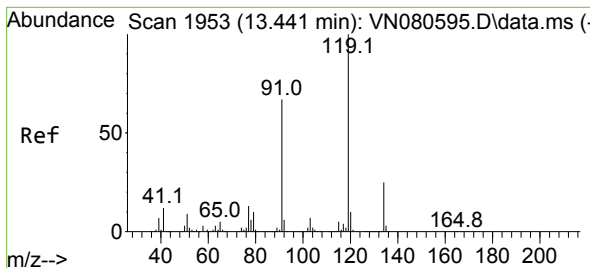


#82
4-Chlorotoluene
Concen: 0.927 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



Tgt Ion: 91 Resp: 11159
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.837 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

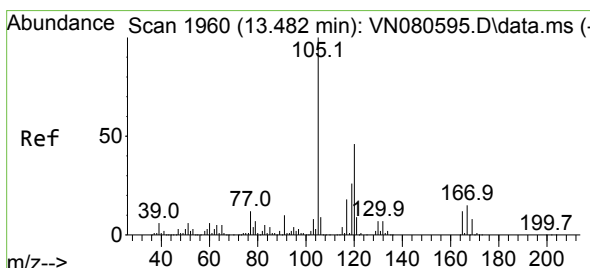
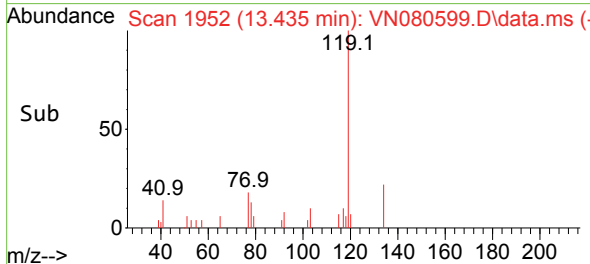
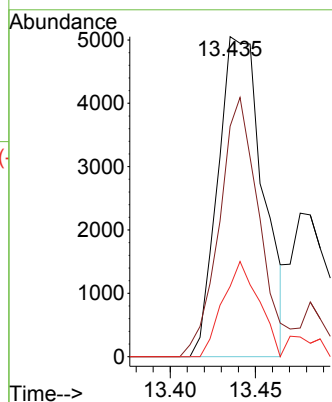
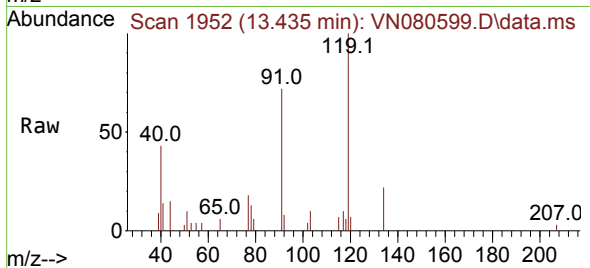
Tgt Ion:	119	Resp:	9310
Ion	Ratio	Lower	Upper
119	100		
91	71.9	33.9	101.7
134	23.6	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.733 ug/l

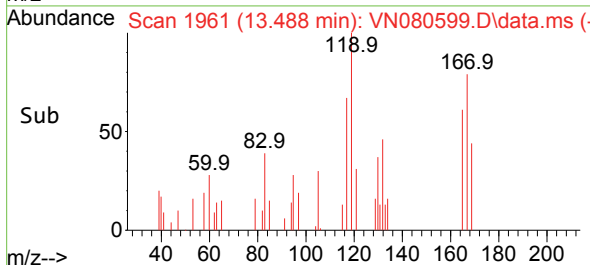
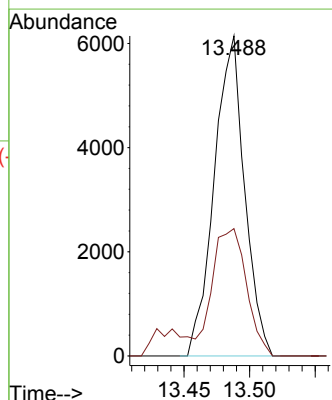
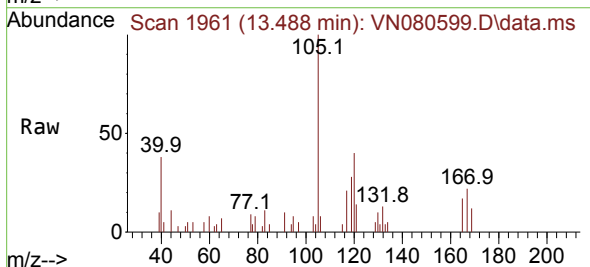
RT: 13.488 min Scan# 1961

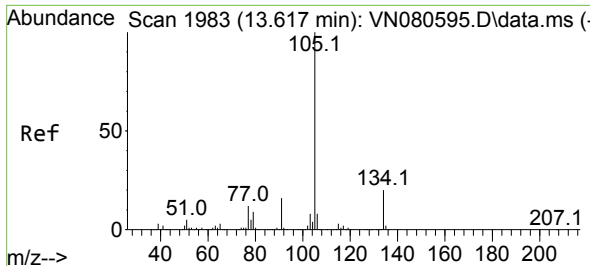
Delta R.T. 0.006 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

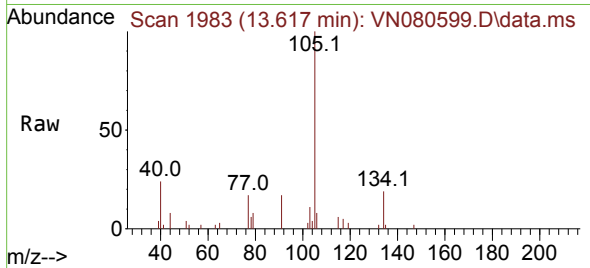
Tgt Ion:	105	Resp:	9883
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 0.803 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

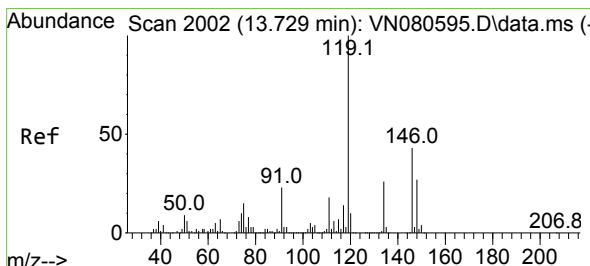
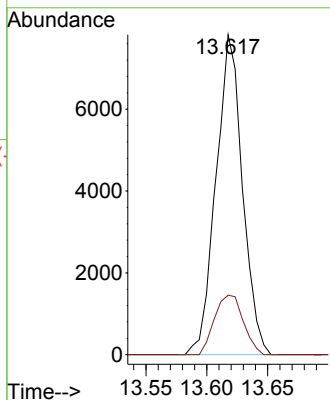
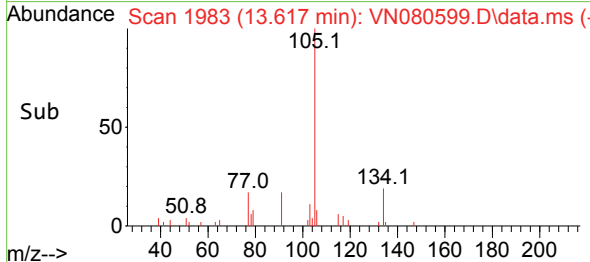
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



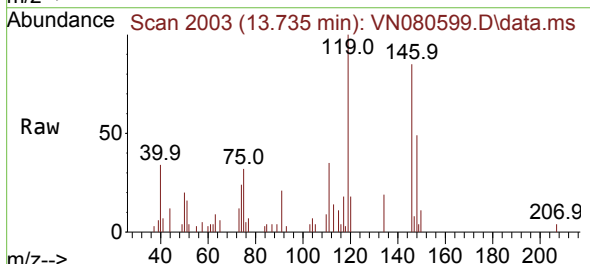
Tgt Ion:105 Resp: 11820
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

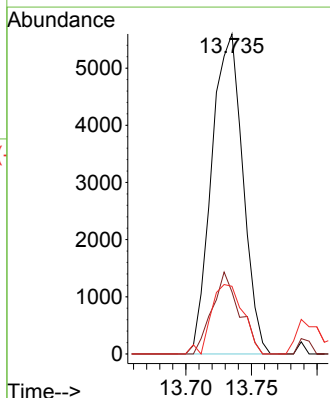
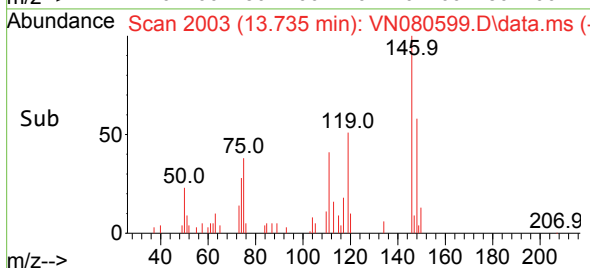
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

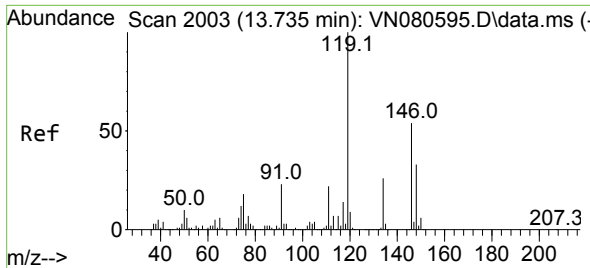


#86
 p-Isopropyltoluene
 Concen: 1.149 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47



Tgt Ion:119 Resp: 9261
 Ion Ratio Lower Upper
 119 100
 134 22.5 12.6 37.8
 91 22.3 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 0.994 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

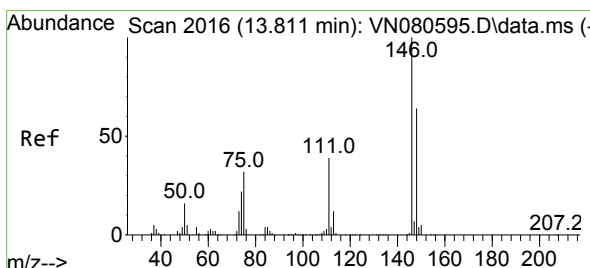
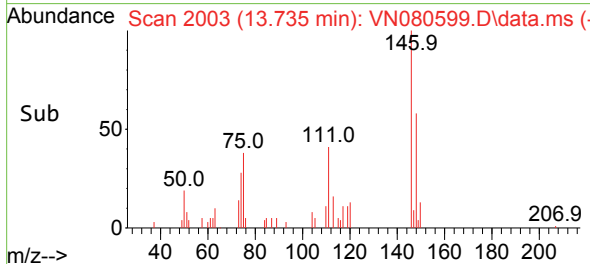
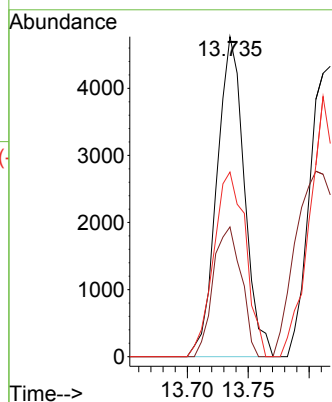
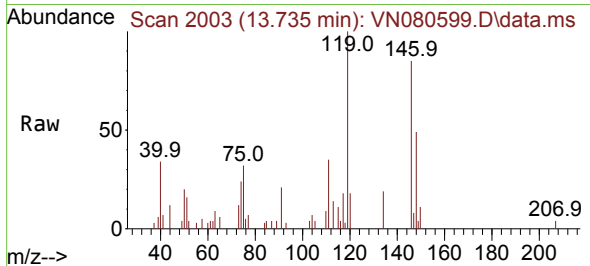
VSTDIC001

Tgt Ion:146 Resp: 7498
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.3
 148 67.1 32.0 96.0

Manual Integrations

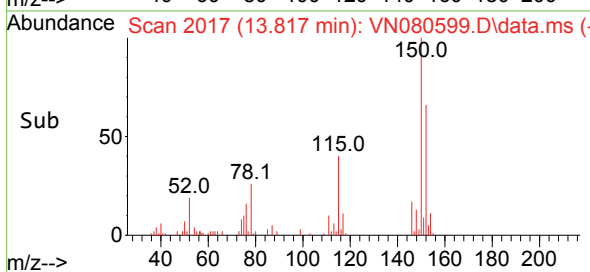
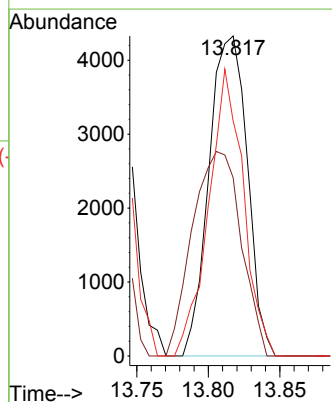
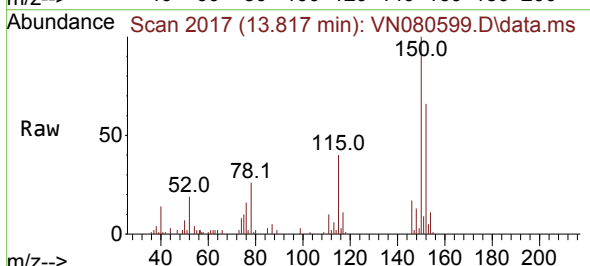
APPROVED

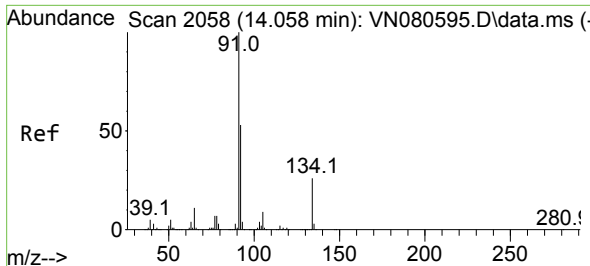
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#88
 1,4-Dichlorobenzene
 Concen: 1.064 ug/l m
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

Tgt Ion:146 Resp: 8074
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.6 61.8
 148 62.3 31.6 94.8





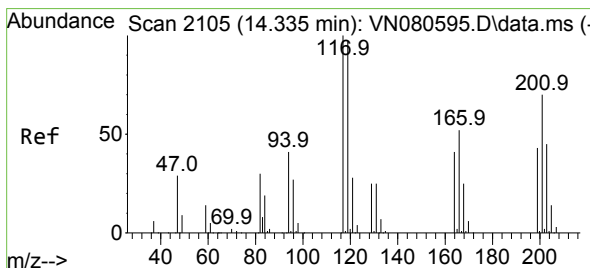
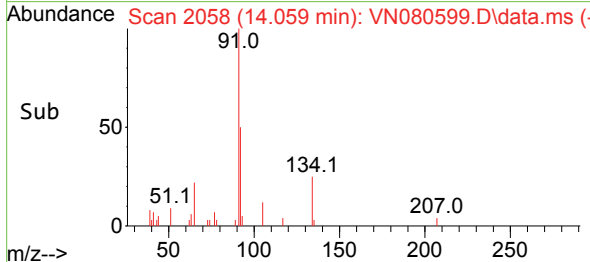
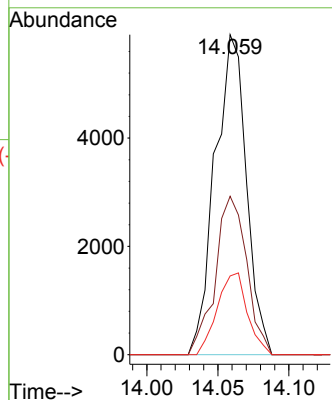
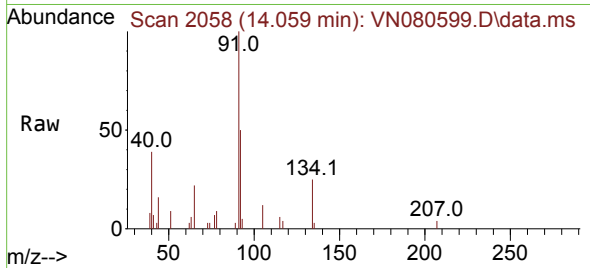
#89
n-Butylbenzene
Concen: 0.823 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 906
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 24.6 12.6 37.6

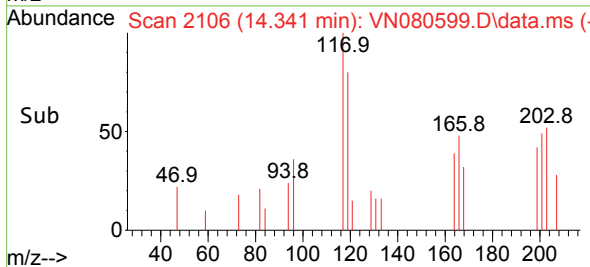
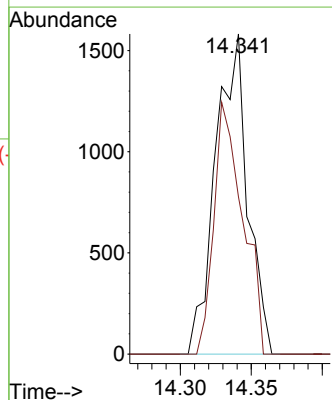
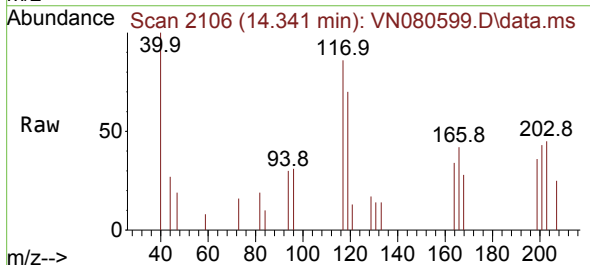
Manual Integrations
APPROVED

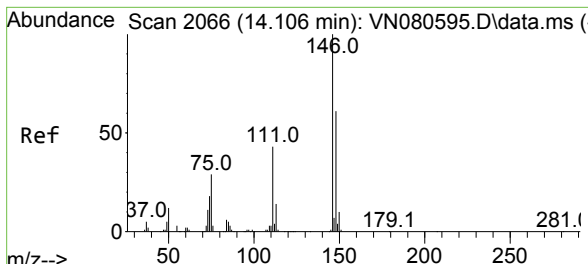
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#90
Hexachloroethane
Concen: 1.082 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

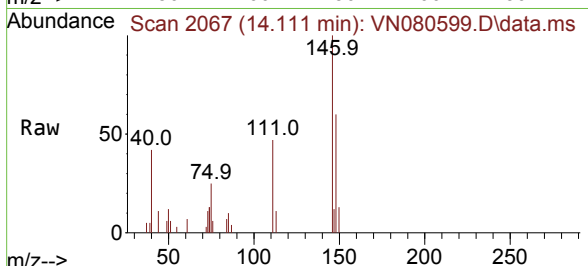
Tgt Ion:117 Resp: 2487
Ion Ratio Lower Upper
117 100
201 70.6 29.3 88.0





#91
 1,2-Dichlorobenzene
 Concen: 0.996 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47

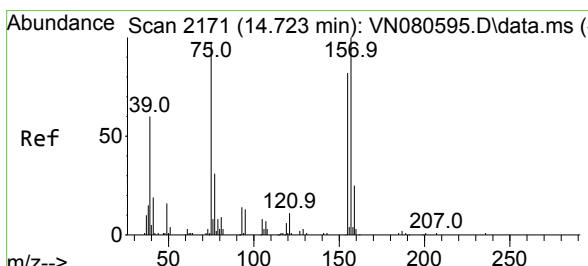
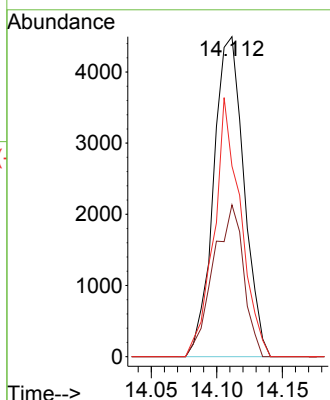
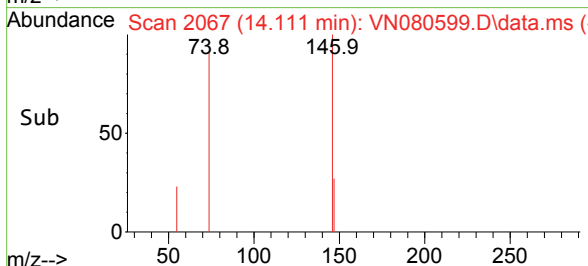
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



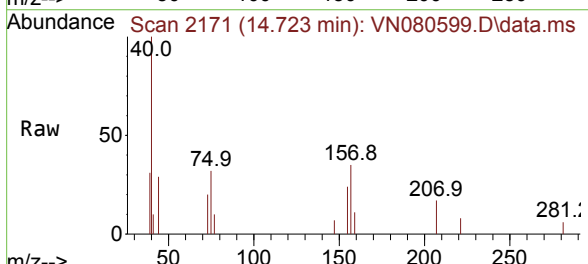
Tgt Ion:146 Resp: 725
 Ion Ratio Lower Upper
 146 100
 111 47.3 22.0 66.0
 148 70.4 31.8 95.3

Manual Integrations
 APPROVED

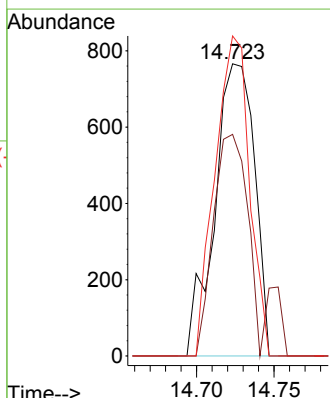
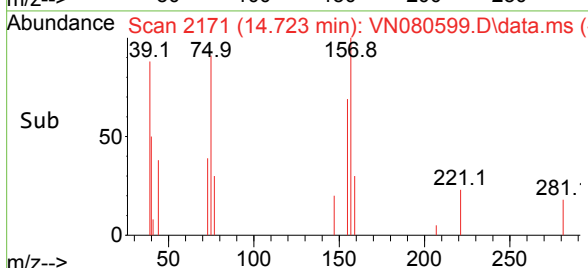
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

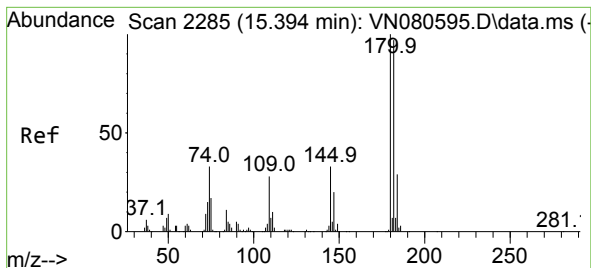


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.220 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080599.D
 Acq: 27 Dec 2023 13:47



Tgt Ion: 75 Resp: 1370
 Ion Ratio Lower Upper
 75 100
 155 74.0 39.1 117.2
 157 94.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.926 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN080599.D

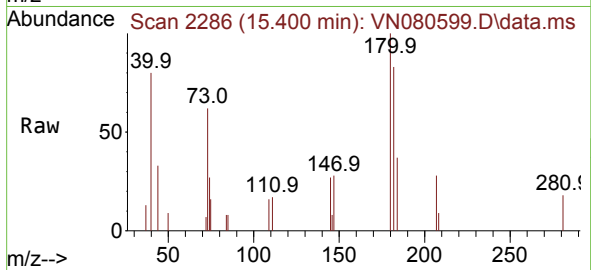
Acq: 27 Dec 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 3559

Ion Ratio Lower Upper

180 100

182 99.5 46.1 138.2

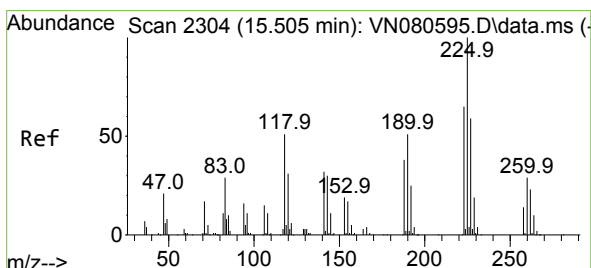
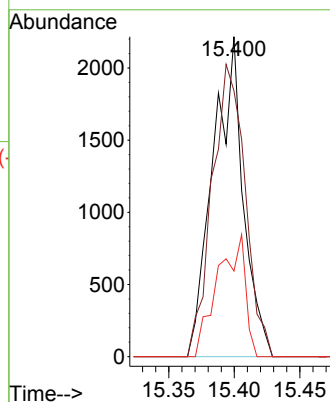
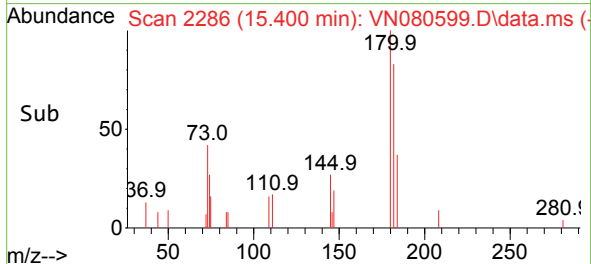
145 34.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#94

Hexachlorobutadiene

Concen: 1.178 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080599.D

Acq: 27 Dec 2023 13:47

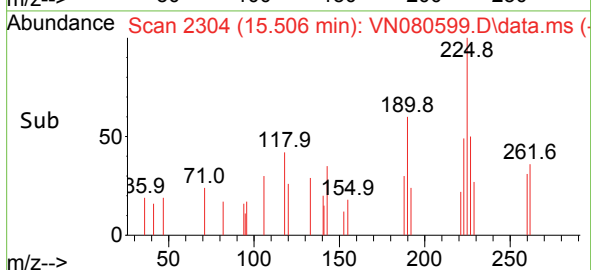
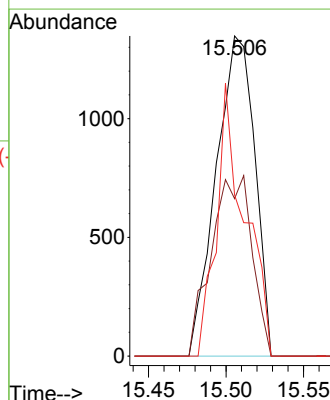
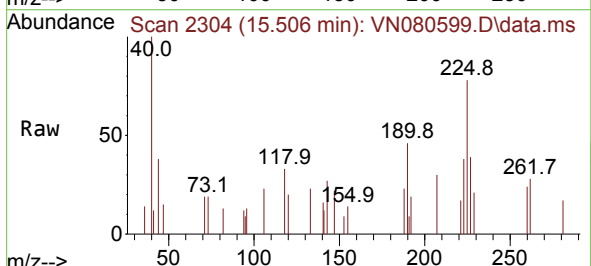
Tgt Ion:225 Resp: 2337

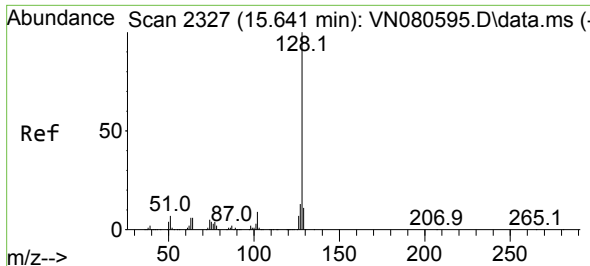
Ion Ratio Lower Upper

225 100

223 59.2 31.3 93.8

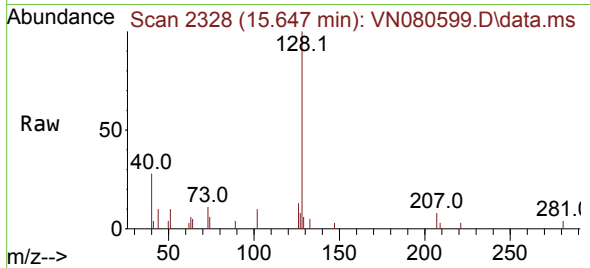
227 61.8 31.9 95.9





#95
Naphthalene
Concen: 0.901 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47

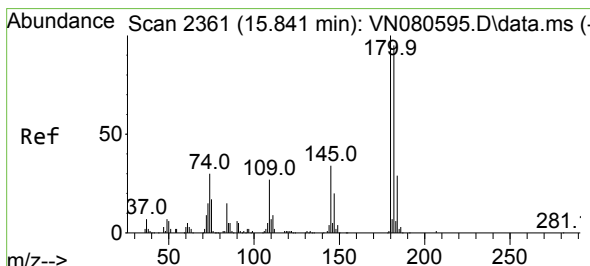
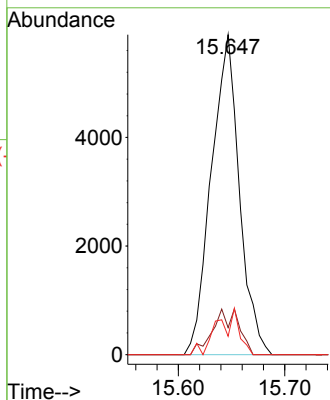
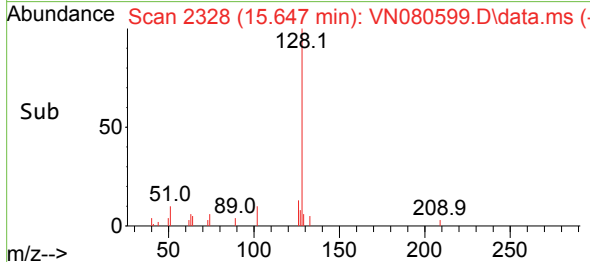
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



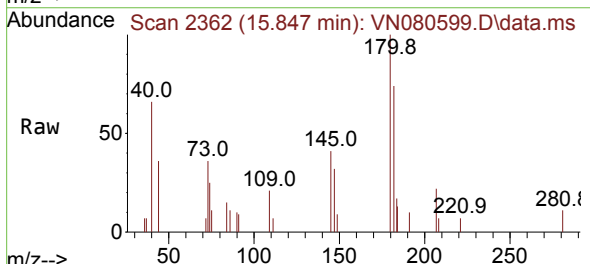
Tgt Ion:128 Resp: 10772
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 6.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 1.029 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080599.D
Acq: 27 Dec 2023 13:47



Tgt Ion:180 Resp: 3996
Ion Ratio Lower Upper
180 100
182 80.7 46.2 138.6
145 38.7 17.5 52.6

