

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080134.D
 Acq On : 16 Nov 2023 13:33
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 01:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	240544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	336757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145267	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	2.130	85	3741	1.044	ug/l	87
3) Chloromethane	2.359	50	2968	1.102	ug/l #	84
4) Vinyl Chloride	2.512	62	2705	0.949	ug/l #	67
6) Chloroethane	3.124	64	3285	0.675	ug/l	92
7) Trichlorofluoromethane	3.495	101	6302	1.060	ug/l	89
8) Diethyl Ether	3.965	74	1920	1.110	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	2866	1.054	ug/l	93
12) 1,1-Dichloroethene	4.342	96	2482	0.976	ug/l #	69
14) Allyl chloride	5.030	41	2736	0.855	ug/l	92
15) Acrylonitrile	5.730	53	5766	4.918	ug/l	97
16) Acetone	4.447	43	8239	6.176	ug/l #	82
17) Carbon Disulfide	4.718	76	8997	1.185	ug/l	96
18) Methyl Acetate	5.036	43	5217	1.217	ug/l #	67
19) Methyl tert-butyl Ether	5.794	73	8787	0.979	ug/l	96
20) Methylene Chloride	5.289	84	2074	0.742	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	2892	1.035	ug/l	93
22) Diisopropyl ether	6.677	45	6444	0.911	ug/l #	77
23) Vinyl Acetate	6.612	43	17666	4.153	ug/l	99
24) 1,1-Dichloroethane	6.571	63	5583	1.083	ug/l #	84
25) 2-Butanone	7.488	43	8695	5.486	ug/l	89
26) 2,2-Dichloropropane	7.500	77	5215	1.020	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	3135	0.990	ug/l	79
28) Bromochloromethane	7.812	49	1868	0.922	ug/l #	99
29) Tetrahydrofuran	7.847	42	3529	4.147	ug/l	99
30) Chloroform	7.977	83	6050	1.050	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	5560	0.990	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	4324	1.034	ug/l #	88
37) Ethyl Acetate	7.565	43	2761	0.951	ug/l #	70
38) Carbon Tetrachloride	8.353	117	5532	1.042	ug/l #	65
39) Methylcyclohexane	9.606	83	3690	0.915	ug/l #	77
40) Benzene	8.612	78	12191	1.025	ug/l	92
41) Methacrylonitrile	7.788	41	1610	1.010	ug/l #	72
42) 1,2-Dichloroethane	8.677	62	4835	0.994	ug/l	81
43) Isopropyl Acetate	8.700	43	6837	1.211	ug/l #	81
44) Trichloroethene	9.359	130	3446	1.105	ug/l	94
45) 1,2-Dichloropropane	9.618	63	2605	0.943	ug/l #	73

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 ALS Vial : 8 Sample Multiplier: 1

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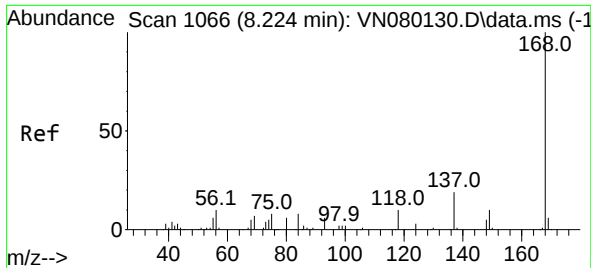
Quant Time: Nov 17 01:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	2108	1.008	ug/l	92
47) Bromodichloromethane	9.888	83	4555	0.990	ug/l	99
48) Methyl methacrylate	9.688	41	2692	0.925	ug/l	94
49) 1,4-Dioxane	9.694	88	1062	21.935	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	13321	4.556	ug/l	95
52) Toluene	10.635	92	7443	1.000	ug/l	85
53) t-1,3-Dichloropropene	10.835	75	4445	0.940	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	4440	0.919	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	2993	1.054	ug/l #	84
56) Ethyl methacrylate	10.876	69	2314	0.798	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	5192	1.047	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	6797	4.158	ug/l	99
59) 2-Hexanone	11.200	43	11342	4.828	ug/l	90
60) Dibromochloromethane	11.359	129	3291	0.968	ug/l	93
61) 1,2-Dibromoethane	11.471	107	3010	1.039	ug/l	90
64) Tetrachloroethene	11.112	164	2848	1.108	ug/l #	72
65) Chlorobenzene	11.894	112	7905	1.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	2707	0.914	ug/l #	53
67) Ethyl Benzene	11.970	91	13144	0.968	ug/l #	80
68) m/p-Xylenes	12.076	106	9033	1.825	ug/l	86
69) o-Xylene	12.400	106	4119	0.883	ug/l	78
70) Styrene	12.412	104	6175	0.889	ug/l #	87
71) Bromoform	12.576	173	2169	0.988	ug/l #	97
73) Isopropylbenzene	12.700	105	10255	0.908	ug/l	99
74) N-amyl acetate	12.500	43	3139	0.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.947	83	3735	1.106	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	4503m	1.271	ug/l	
77) Bromobenzene	12.988	156	2873	1.009	ug/l	89
78) n-propylbenzene	13.041	91	11583	0.918	ug/l	97
79) 2-Chlorotoluene	13.123	91	7558	0.922	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	9266	0.943	ug/l	88
82) 4-Chlorotoluene	13.223	91	8033	0.956	ug/l	93
83) tert-Butylbenzene	13.441	119	7566	0.960	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	8765	0.906	ug/l	99
85) sec-Butylbenzene	13.623	105	8852	0.888	ug/l	91
86) p-Isopropyltoluene	13.735	119	7709	0.866	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	5947	1.160	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	5769m	1.120	ug/l	
89) n-Butylbenzene	14.059	91	7000	0.939	ug/l	93
90) Hexachloroethane	14.341	117	1929	1.111	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	5462	1.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	952	1.213	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	3607	1.264	ug/l	92
94) Hexachlorobutadiene	15.506	225	2249	1.369	ug/l	95
95) Naphthalene	15.647	128	10462	1.264	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	3257	1.218	ug/l	92

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

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Supervised By :Mahesh Dadoda 11/17/2023

[illegible]



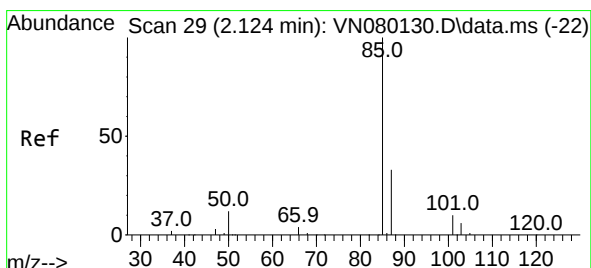
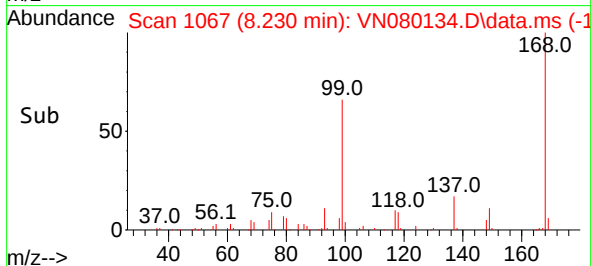
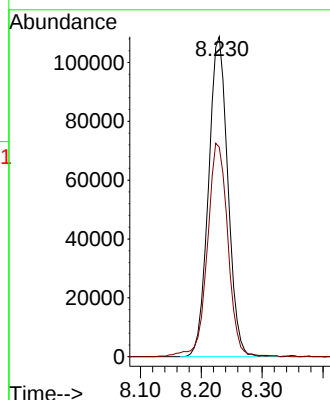
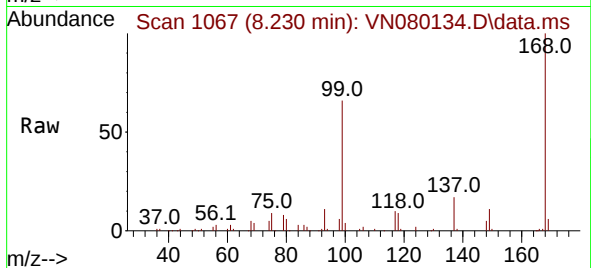
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:168 Resp: 240544
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6

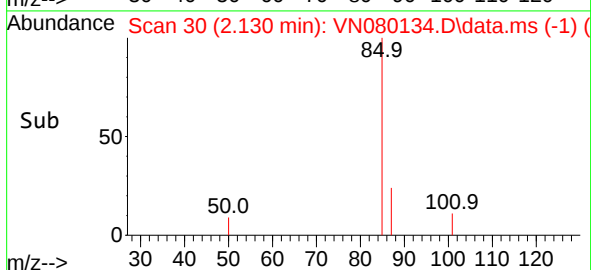
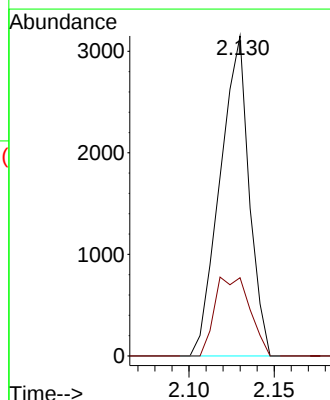
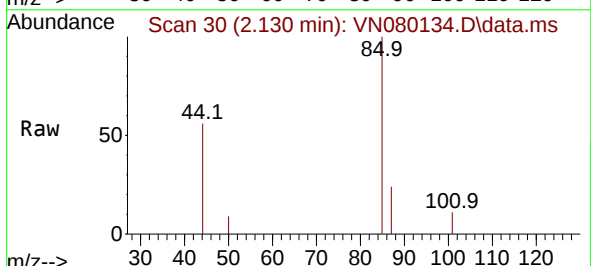
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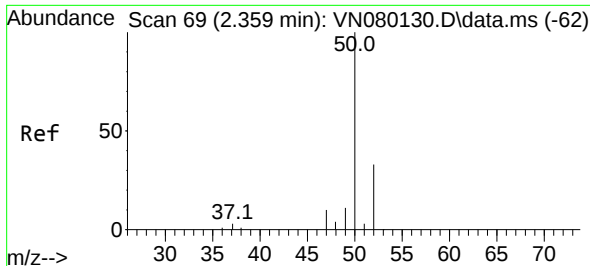
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Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 1.044 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 85 Resp: 3741
Ion Ratio Lower Upper
85 100
87 24.4 15.8 47.4





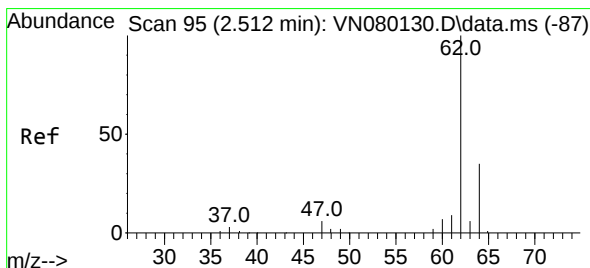
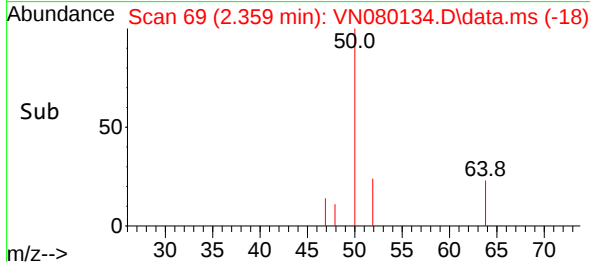
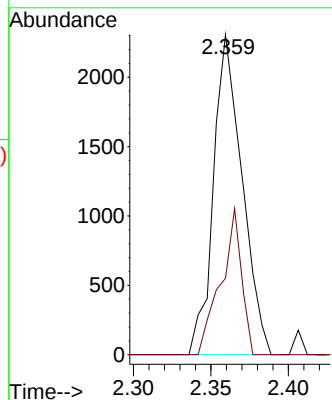
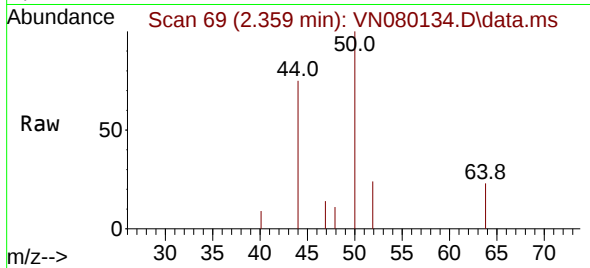
#3
Chloromethane
Concen: 1.102 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 2968
Ion Ratio Lower Upper
50 100
52 23.8 26.5 39.7

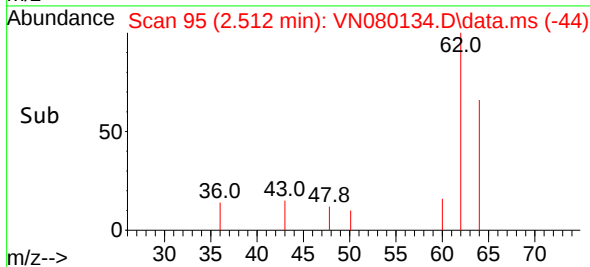
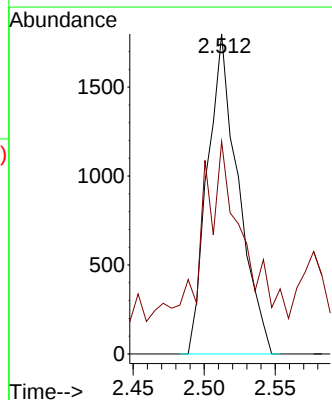
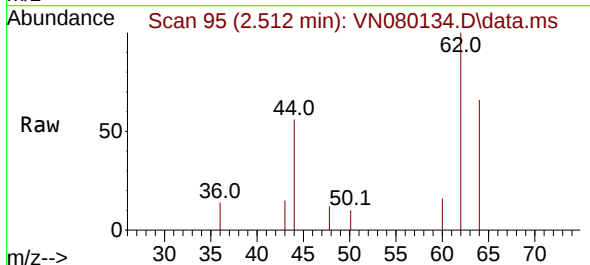
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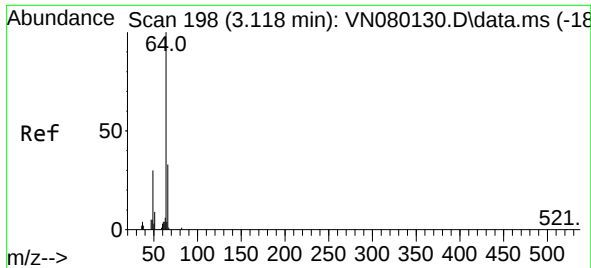
Reviewed By :John Carlone 11/17/2023
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#4
Vinyl Chloride
Concen: 0.949 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 62 Resp: 2705
Ion Ratio Lower Upper
62 100
64 51.1 26.2 39.2





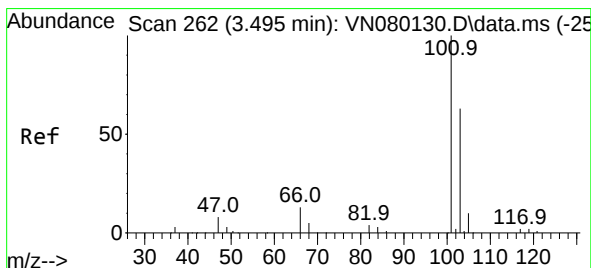
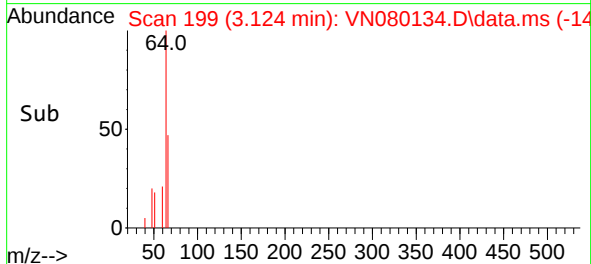
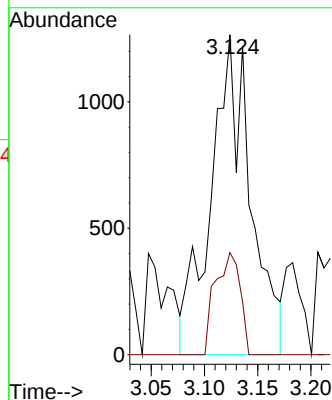
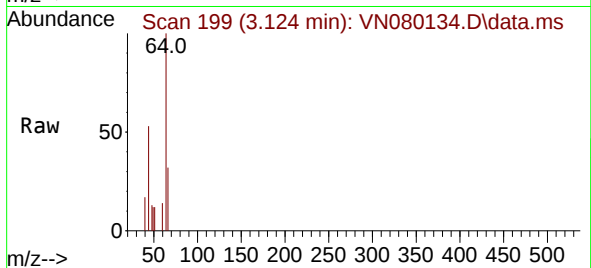
#6
Chloroethane
Concen: 0.675 ug/l
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 36.3 25.4 38.2

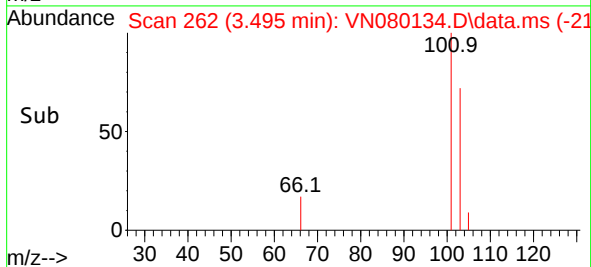
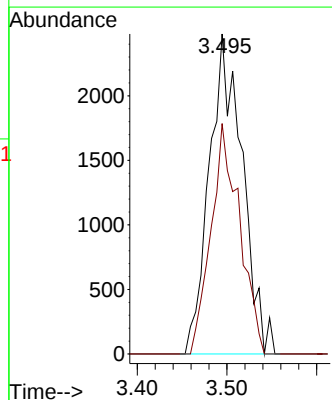
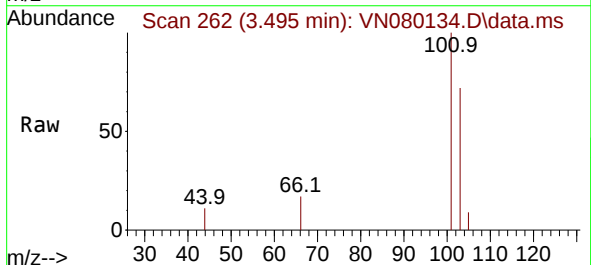
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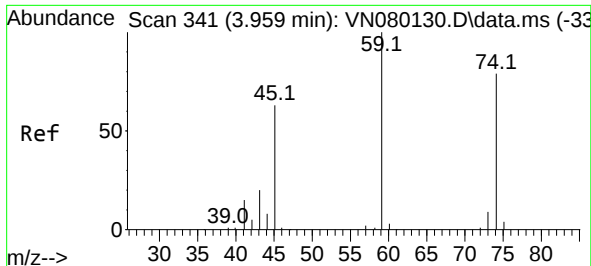
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#7
Trichlorofluoromethane
Concen: 1.060 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:101 Resp: 6302
Ion Ratio Lower Upper
101 100
103 72.0 50.7 76.1





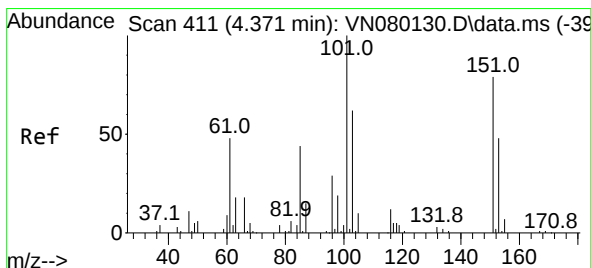
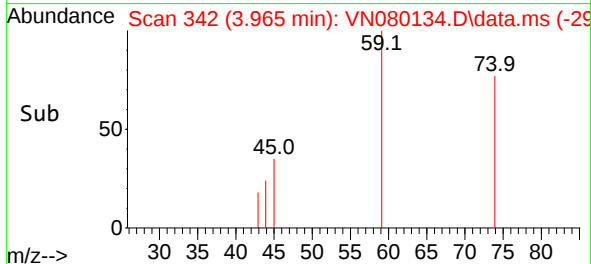
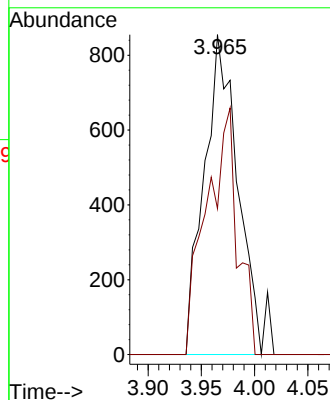
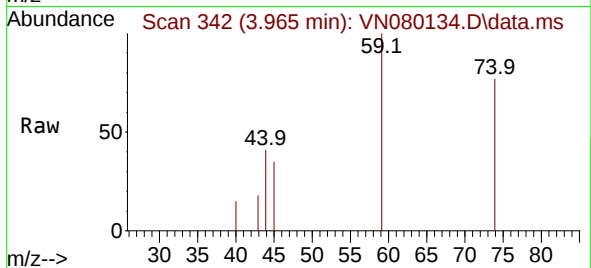
#8
Diethyl Ether
Concen: 1.110 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 1920
Ion Ratio Lower Upper
74 100
45 69.5 34.4 103.3

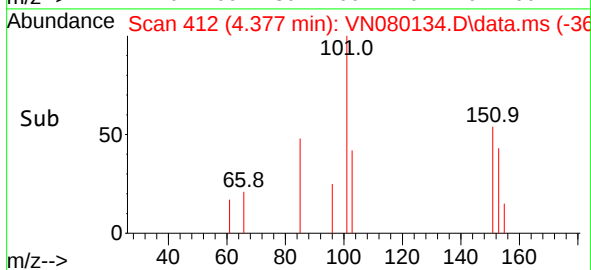
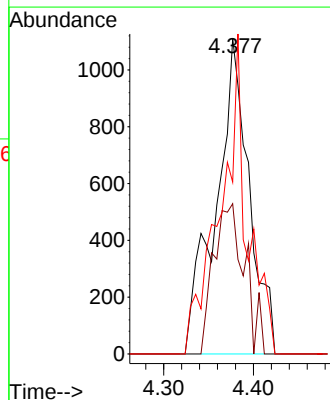
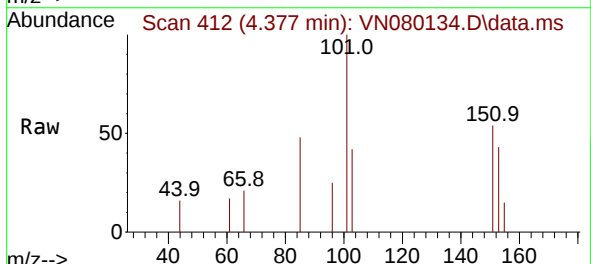
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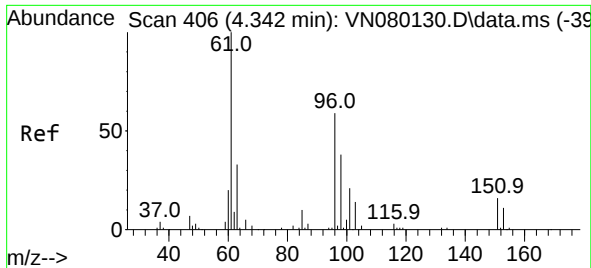
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.054 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:101 Resp: 2866
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 80.9 57.6 86.4





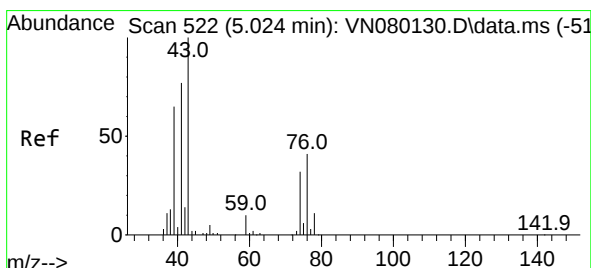
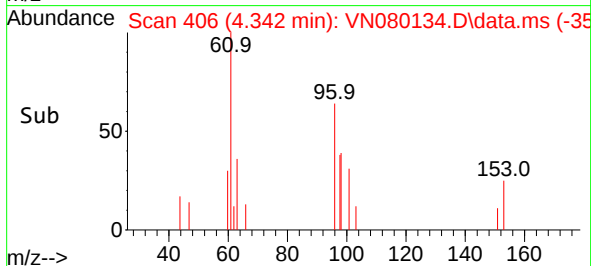
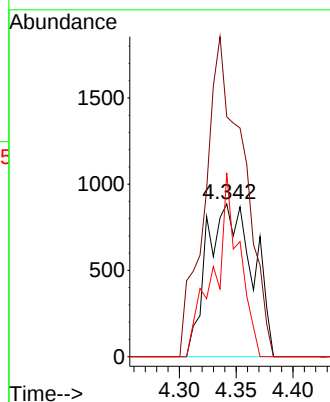
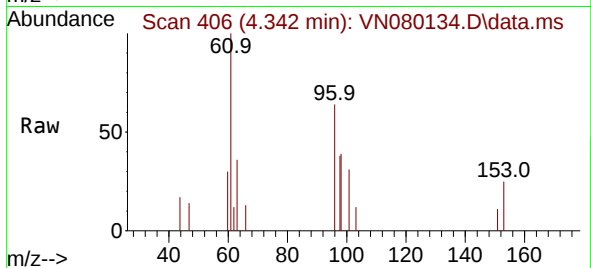
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1,1-Dichloroethene
Concen: 0.976 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 248
Ion Ratio Lower Upper
96 100
61 156.9 112.7 169.1
98 120.3 51.2 76.8

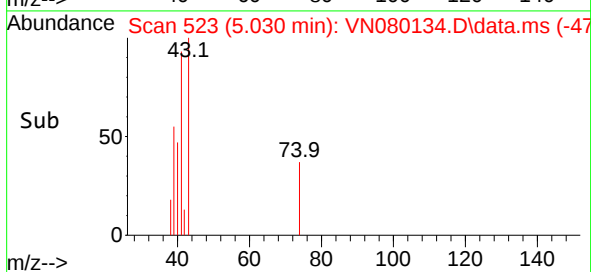
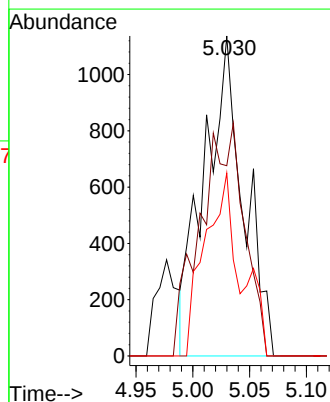
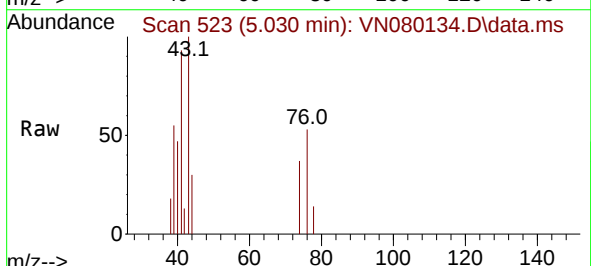
Manual Integrations
APPROVED

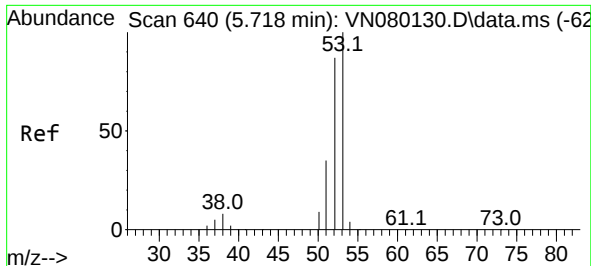
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 0.855 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

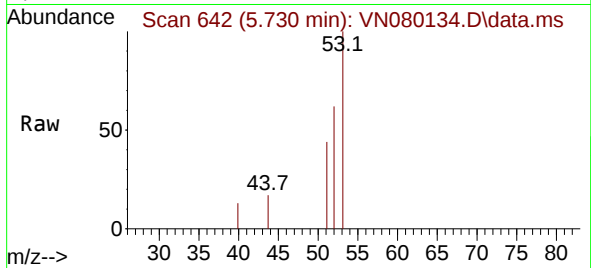
Tgt Ion: 41 Resp: 2736
Ion Ratio Lower Upper
41 100
39 81.4 58.8 88.2
76 52.4 39.1 58.7





#15
Acrylonitrile
Concen: 4.918 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

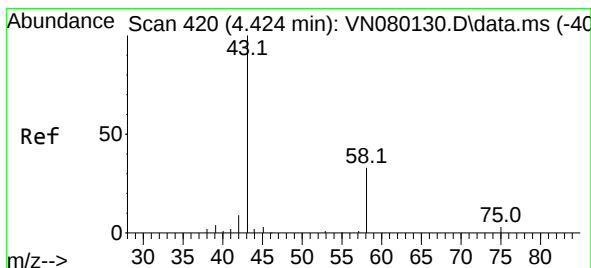
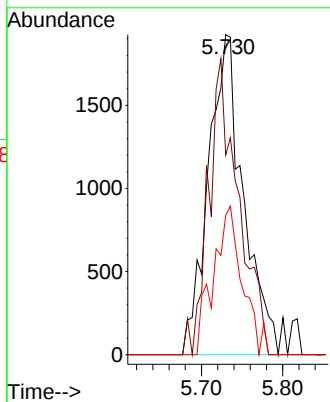
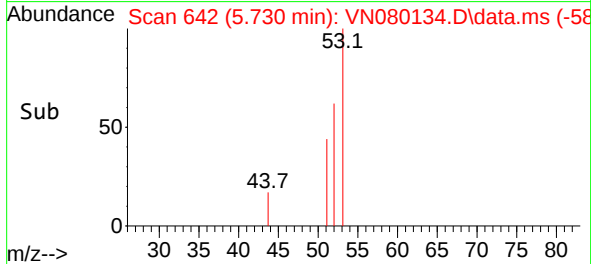
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 5760
Ion Ratio Lower Upper
53 100
52 79.2 65.3 97.9
51 38.5 28.9 43.3

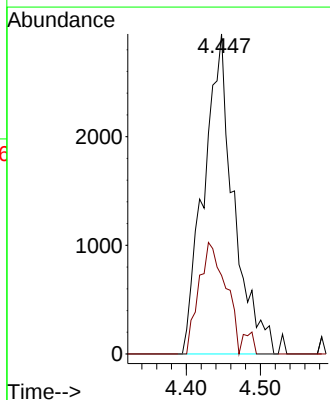
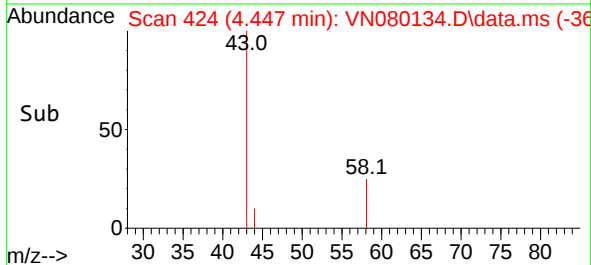
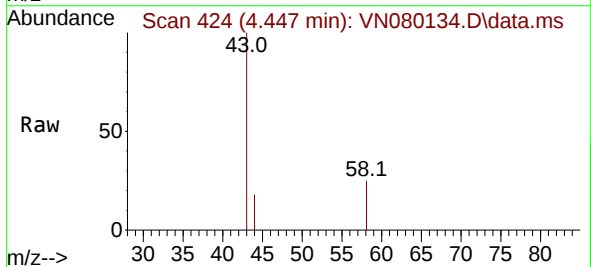
Manual Integrations
APPROVED

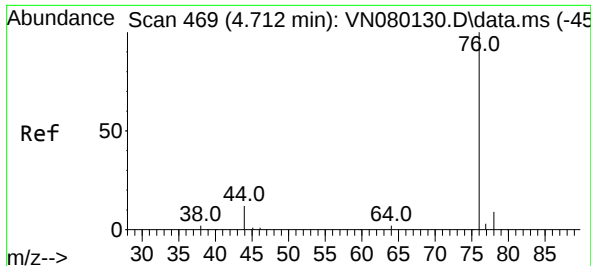
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 6.176 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 43 Resp: 8239
Ion Ratio Lower Upper
43 100
58 24.6 28.0 42.0#





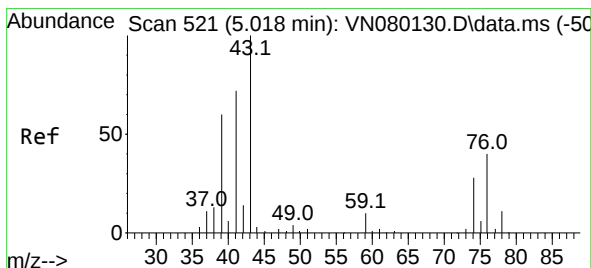
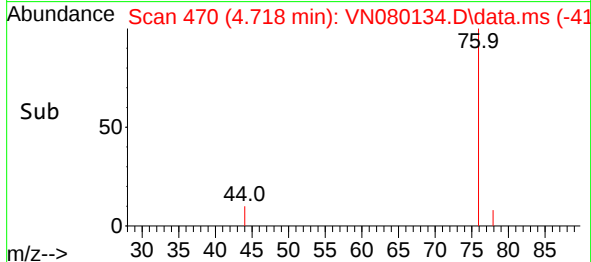
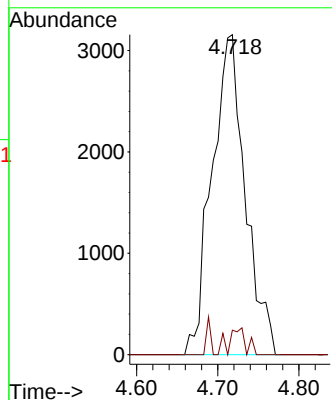
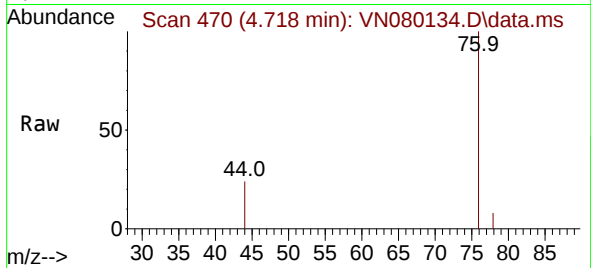
#17
Carbon Disulfide
Concen: 1.185 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 899
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

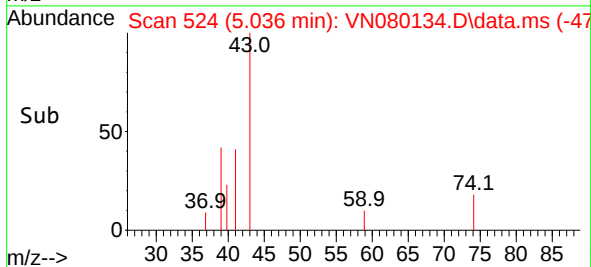
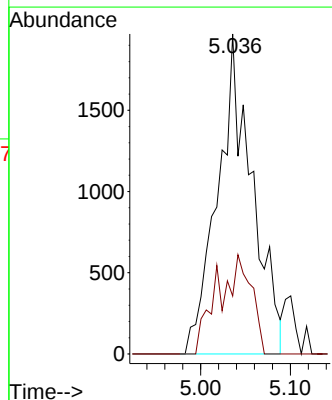
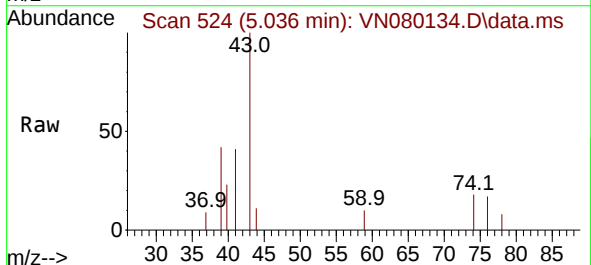
Manual Integrations
APPROVED

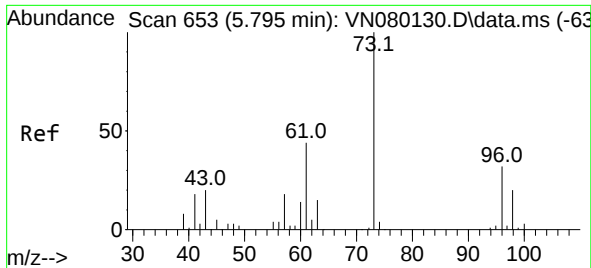
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 1.217 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 43 Resp: 5217
Ion Ratio Lower Upper
43 100
74 14.5 26.2 39.4#





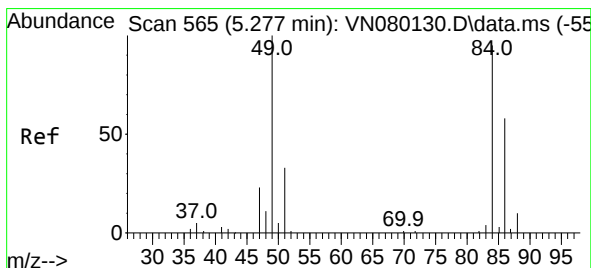
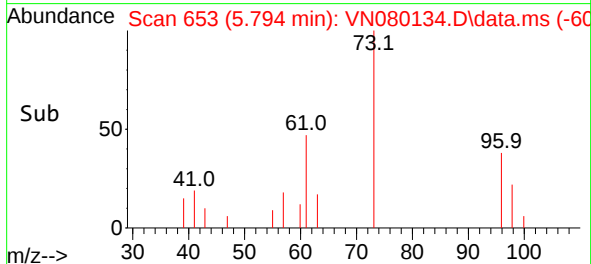
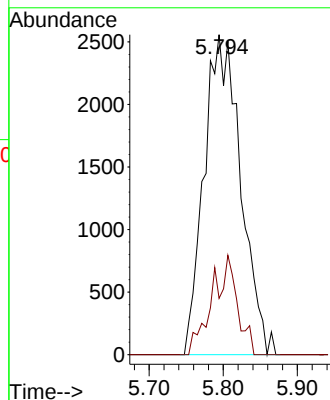
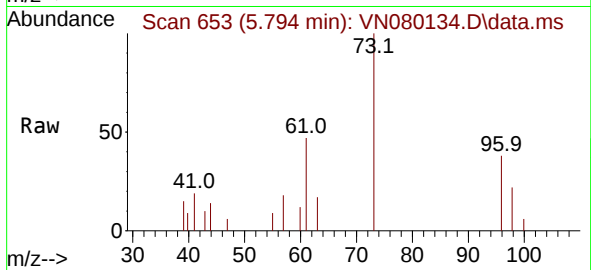
#19
Methyl tert-butyl Ether
Concen: 0.979 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 878
Ion Ratio Lower Upper
73 100
57 17.6 15.6 23.4

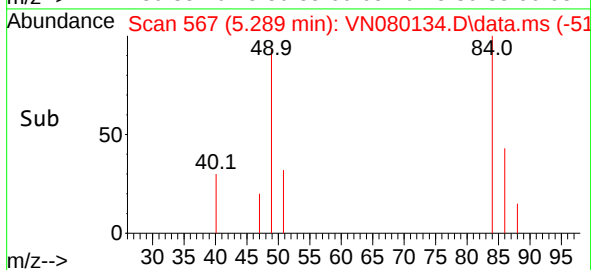
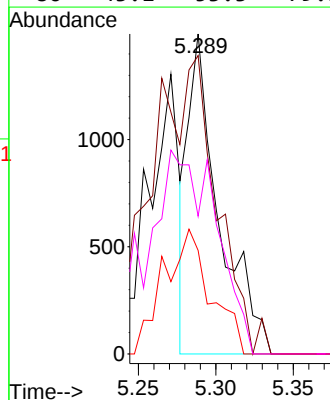
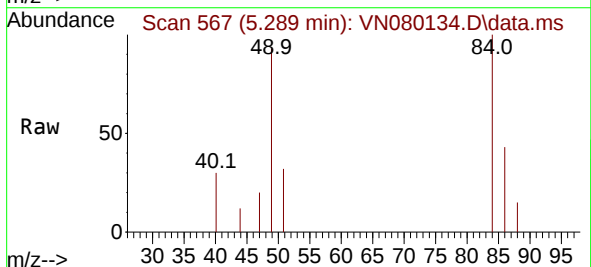
Manual Integrations
APPROVED

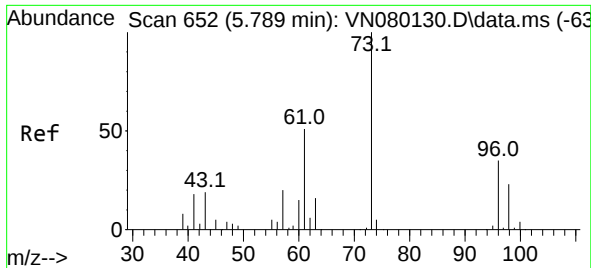
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 0.742 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

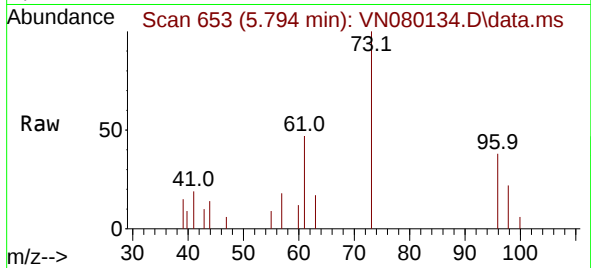
Tgt Ion: 84 Resp: 2074
Ion Ratio Lower Upper
84 100
49 93.2 79.7 119.5
51 32.4 25.2 37.8
86 43.1 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

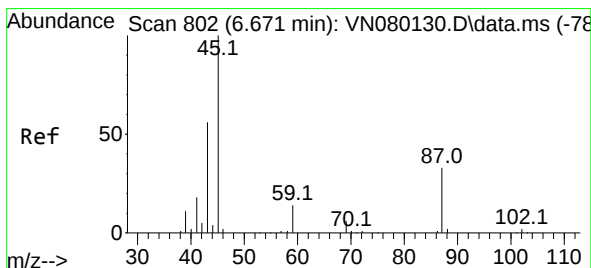
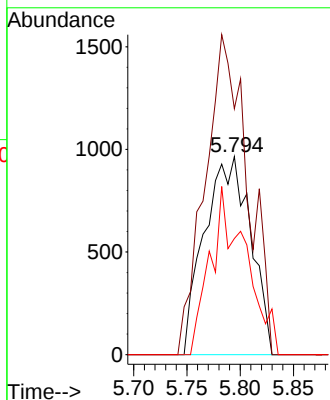
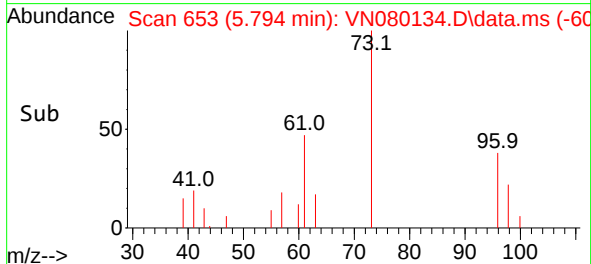
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 2892
Ion Ratio Lower Upper
96 100
61 124.1 90.1 135.1
98 58.7 46.4 69.6

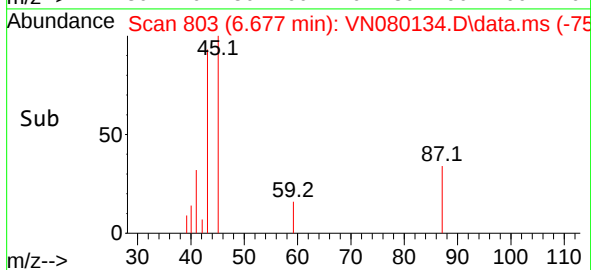
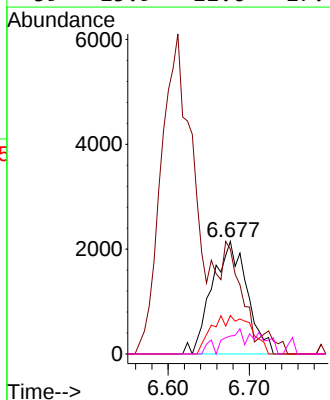
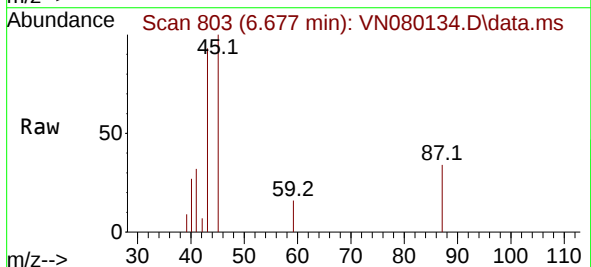
Manual Integrations
APPROVED

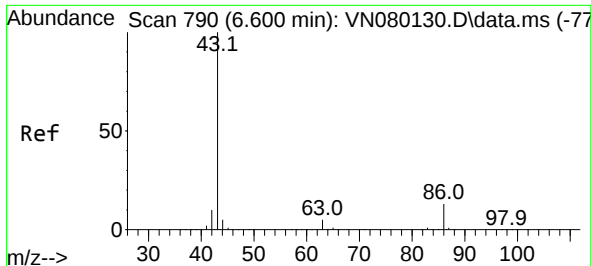
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 0.911 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 45 Resp: 6444
Ion Ratio Lower Upper
45 100
43 84.1 45.5 68.3#
87 34.1 31.8 47.8
59 15.9 11.6 17.4





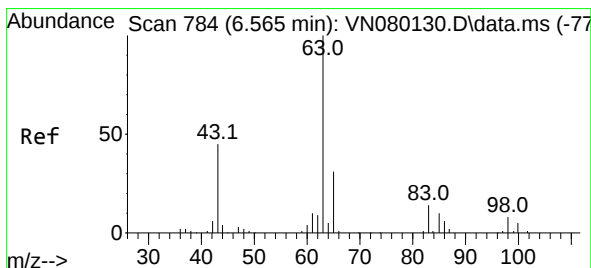
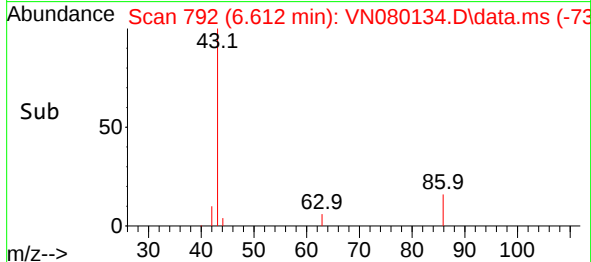
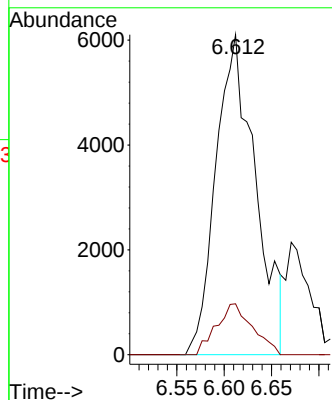
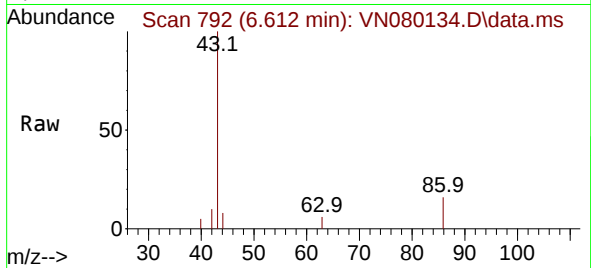
#23
 Vinyl Acetate
 Concen: 4.153 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 1766
 Ion Ratio Lower Upper
 43 100
 86 15.9 13.0 19.6

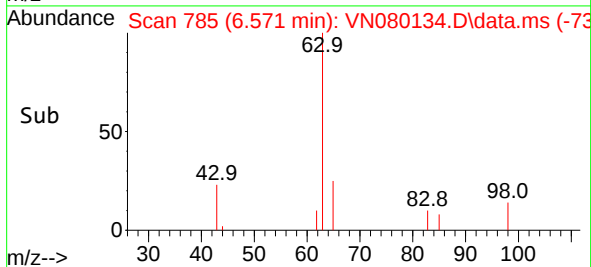
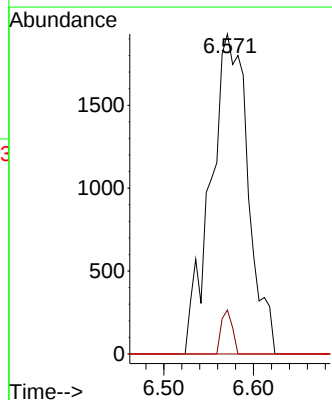
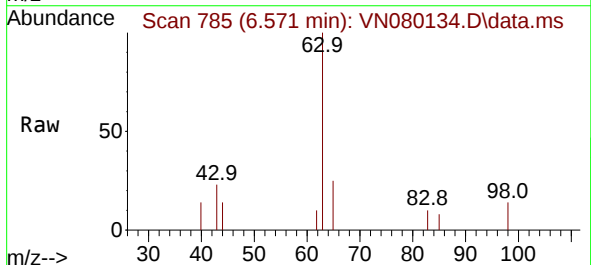
Manual Integrations
 APPROVED

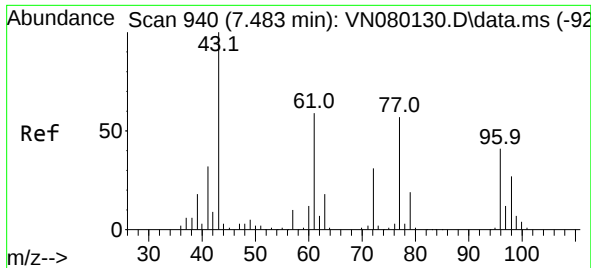
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 1.083 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Tgt Ion: 63 Resp: 5583
 Ion Ratio Lower Upper
 63 100
 98 13.7 3.9 11.7#
 100 0.0 2.5 7.4#





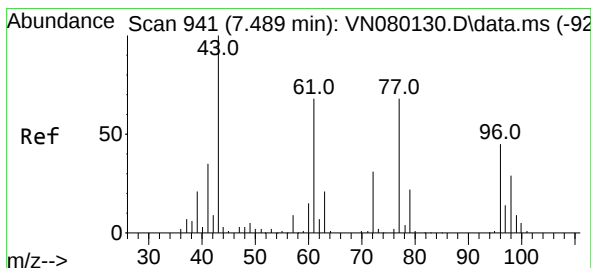
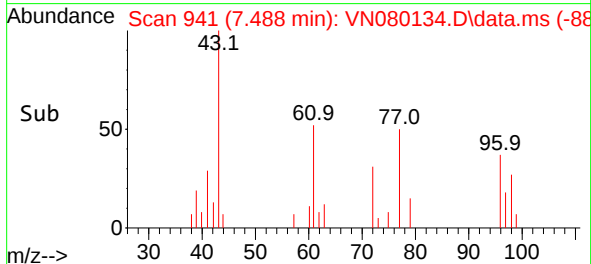
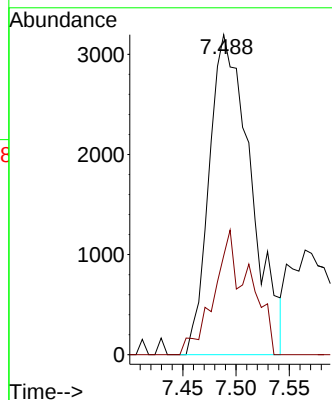
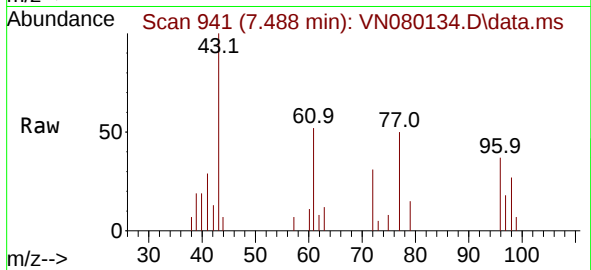
#25
2-Butanone
Concen: 5.486 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
72 31.0 30.2 45.2

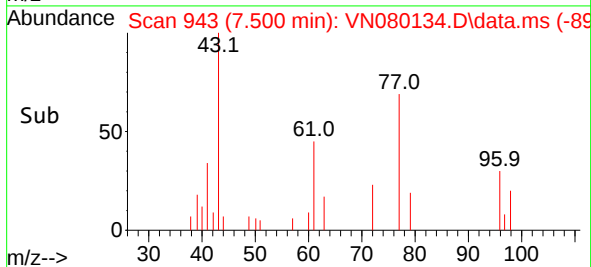
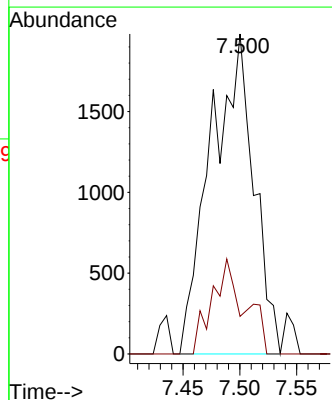
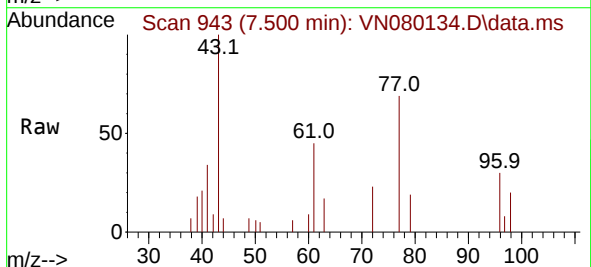
Manual Integrations
APPROVED

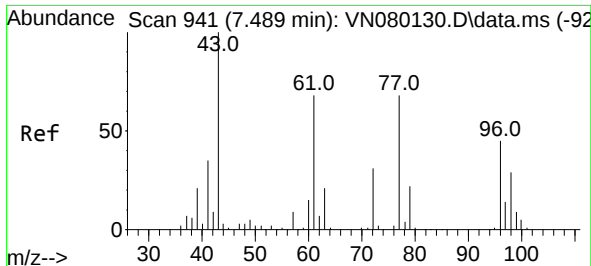
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 1.020 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 77 Resp: 5215
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.990 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

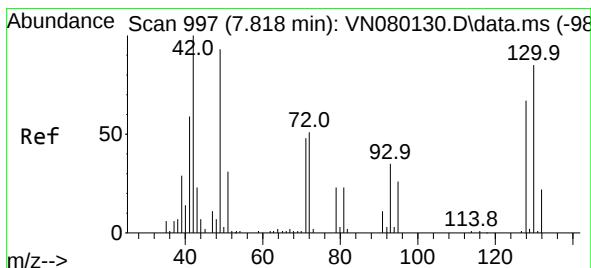
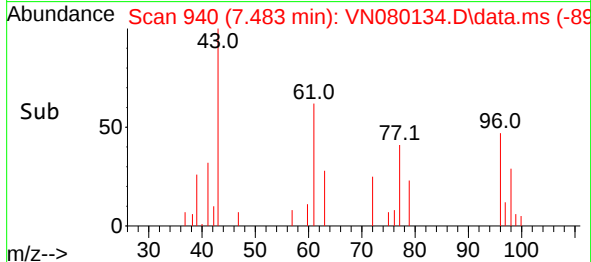
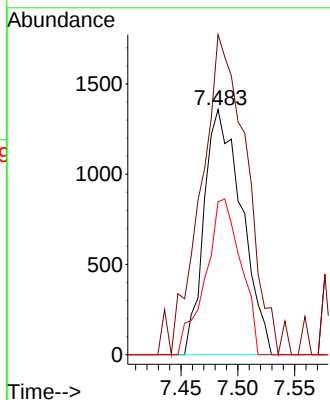
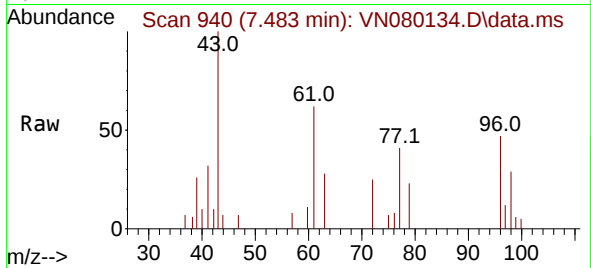
VSTDIC001

Tgt Ion: 96 Resp: 313
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 255.2
 98 60.1 0.0 128.8

Manual Integrations

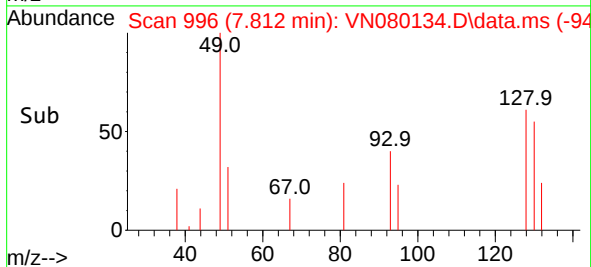
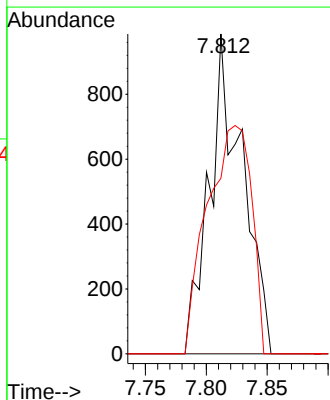
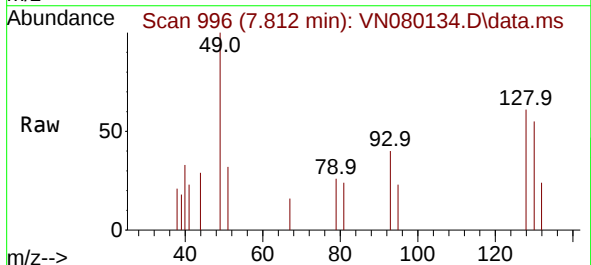
APPROVED

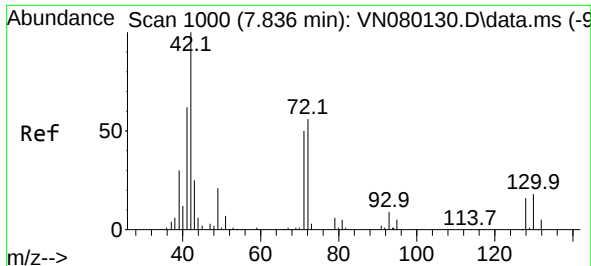
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 0.922 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Tgt Ion: 49 Resp: 1868
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 95.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 4.147 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

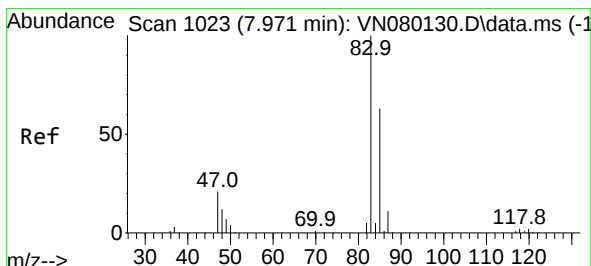
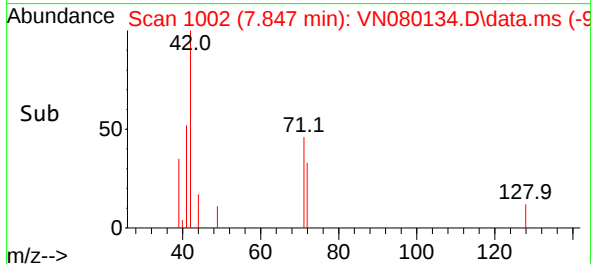
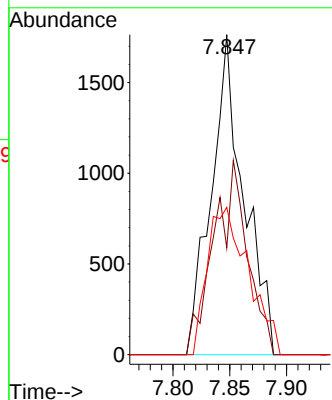
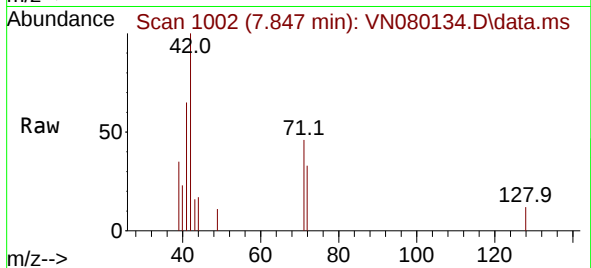
Tgt Ion: 42 Resp: 3529
 Ion Ratio Lower Upper
 42 100
 72 62.4 49.8 74.6
 71 58.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 1.050 ug/l

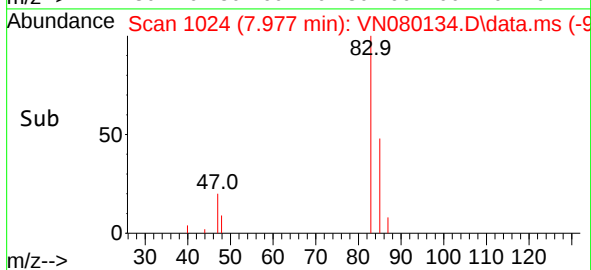
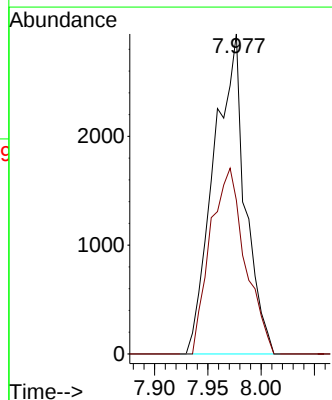
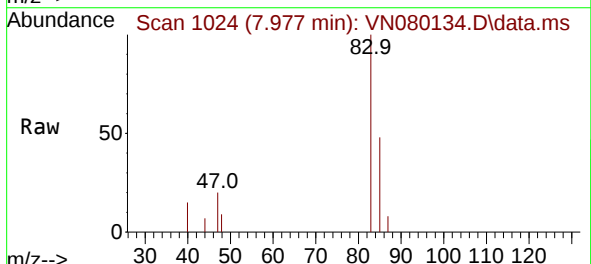
RT: 7.977 min Scan# 1024

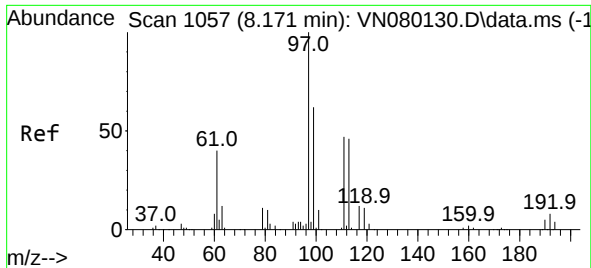
Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion: 83 Resp: 6050
 Ion Ratio Lower Upper
 83 100
 85 48.0 55.4 83.0#





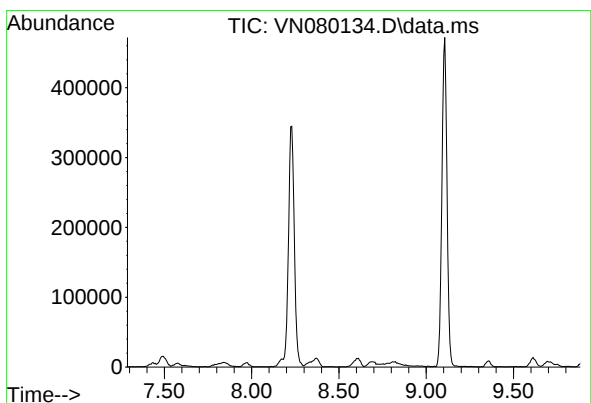
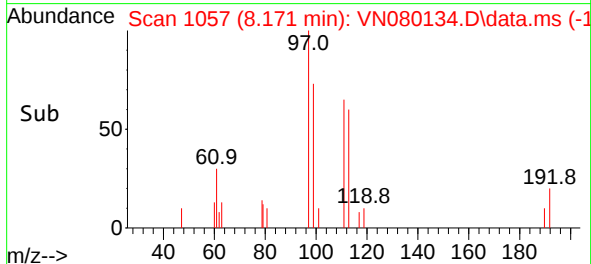
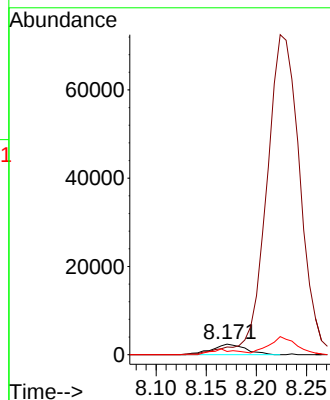
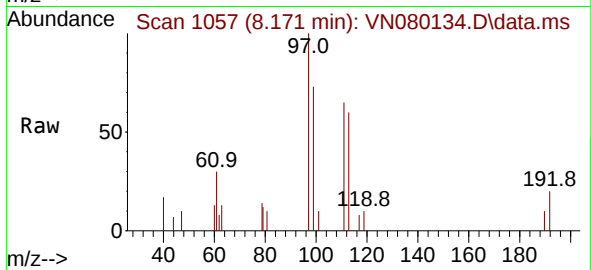
#32
1,1,1-Trichloroethane
Concen: 0.990 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument : MSVOA_N
ClientSampleId : VSTDIC001

Tgt Ion: 97 Resp: 5560
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 41.8 34.7 52.1

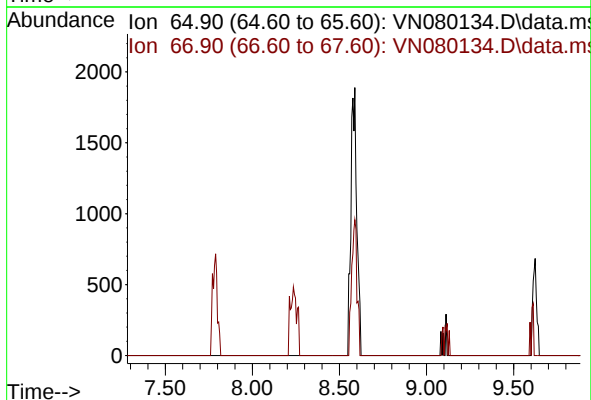
Manual Integrations
APPROVED

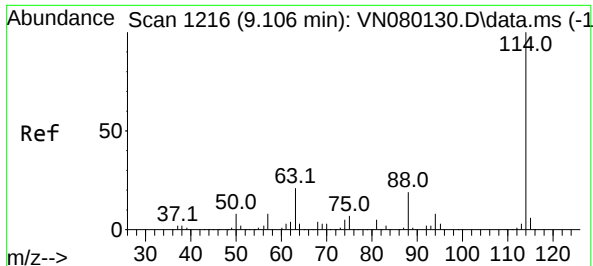
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

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: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 391629

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

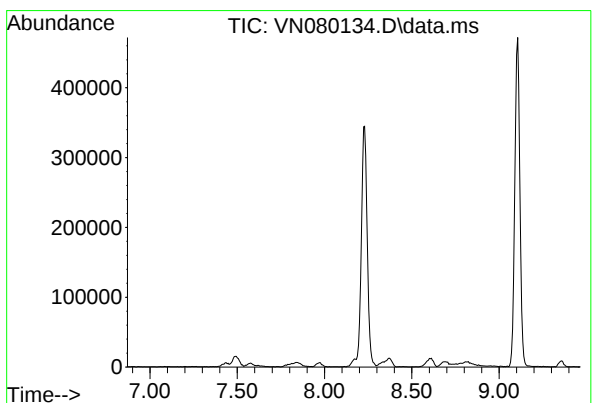
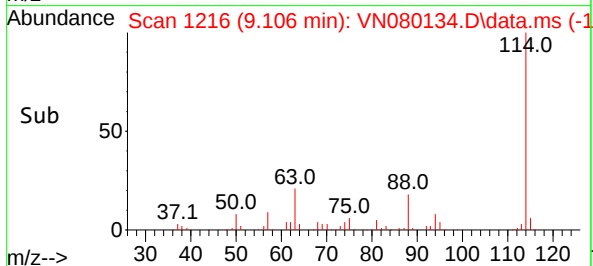
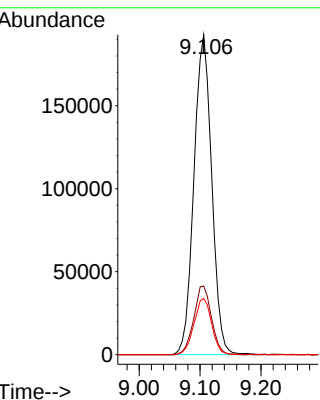
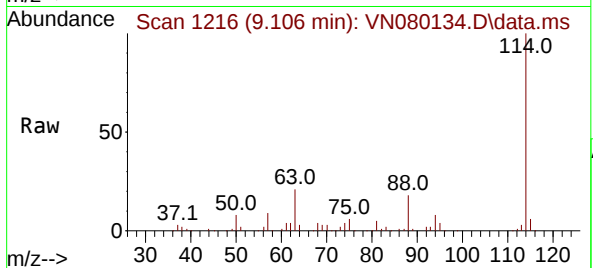
88 17.5 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

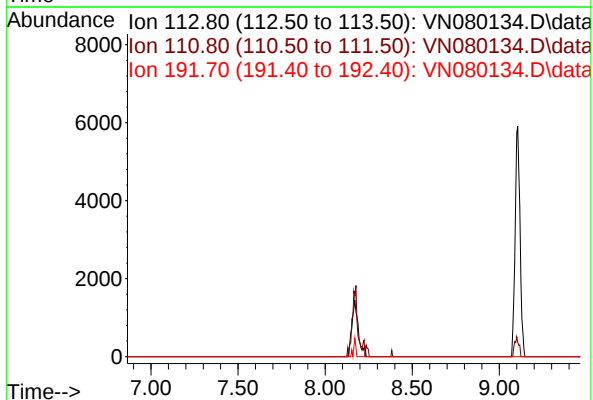
Tgt Ion: 113

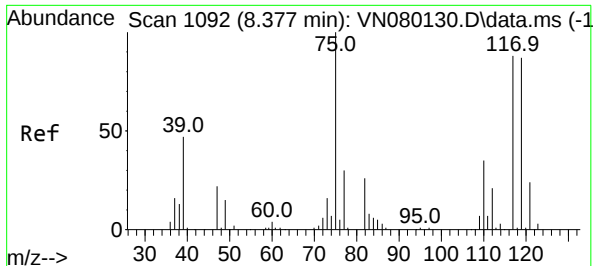
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 1.034 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 4324

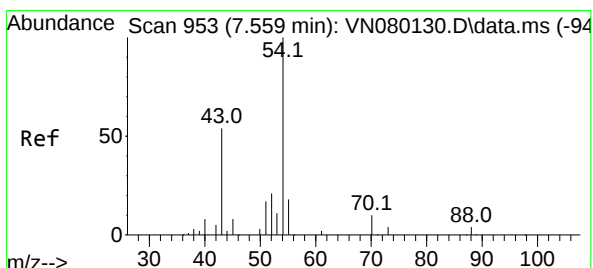
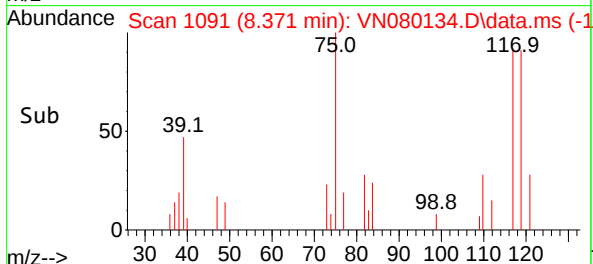
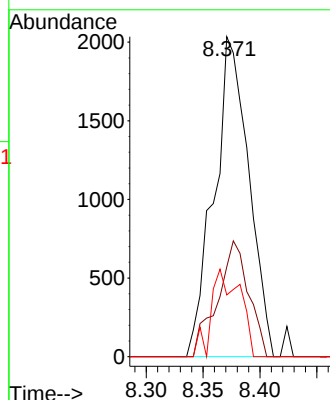
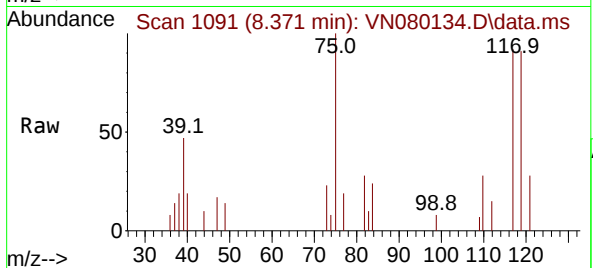
Ion	Ratio	Lower	Upper
75	100		
110	32.6	19.1	57.3
77	22.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#37

Ethyl Acetate

Concen: 0.951 ug/l

RT: 7.565 min Scan# 954

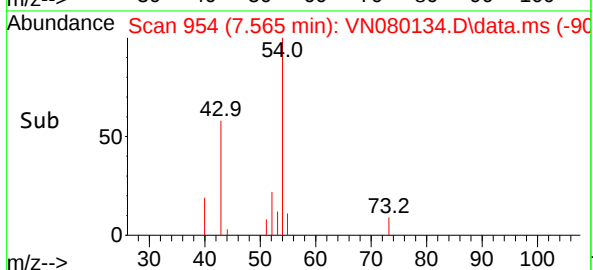
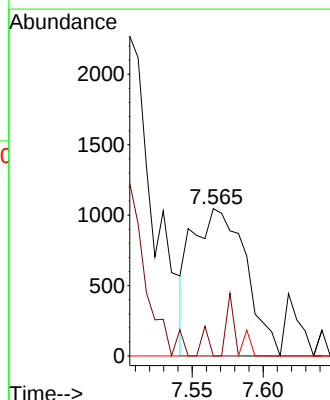
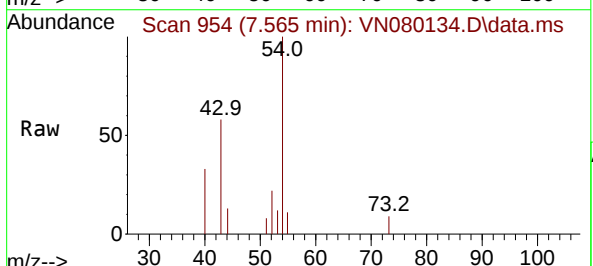
Delta R.T. 0.006 min

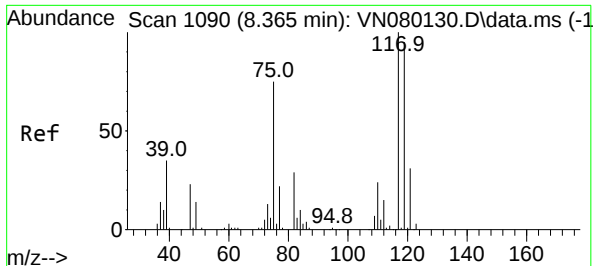
Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion: 43 Resp: 2761

Ion	Ratio	Lower	Upper
43	100		
61	5.7	13.2	19.8#
70	0.0	11.3	16.9#





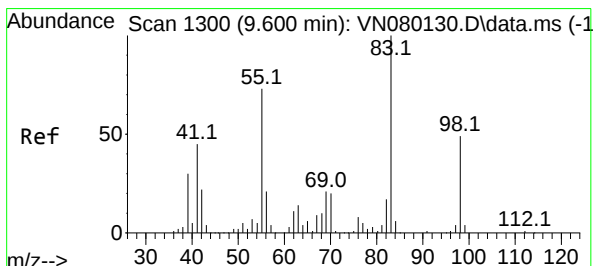
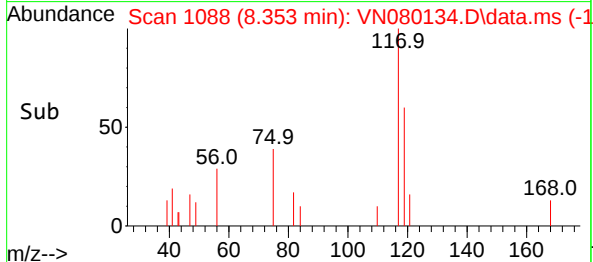
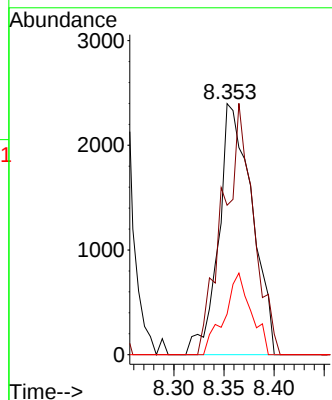
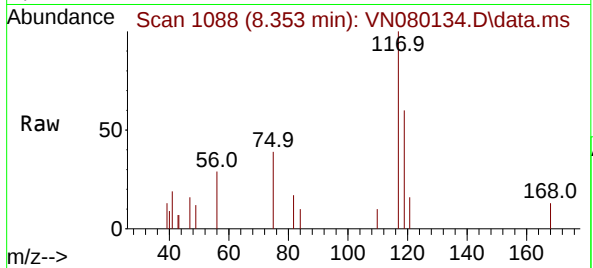
#38
Carbon Tetrachloride
Concen: 1.042 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 117 Resp: 553
Ion Ratio Lower Upper
117 100
119 59.5 77.3 115.9
121 16.2 23.3 34.9

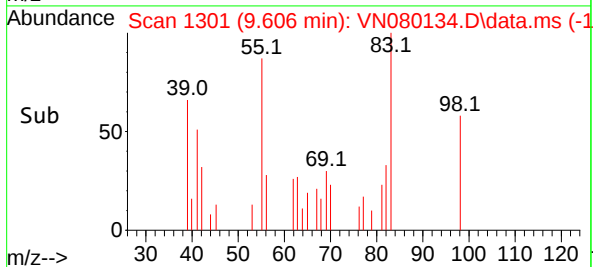
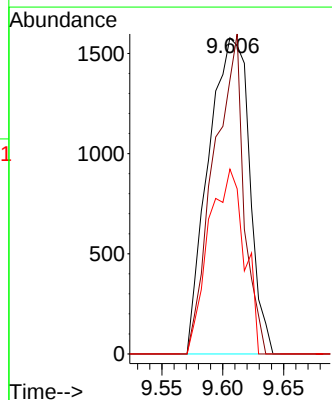
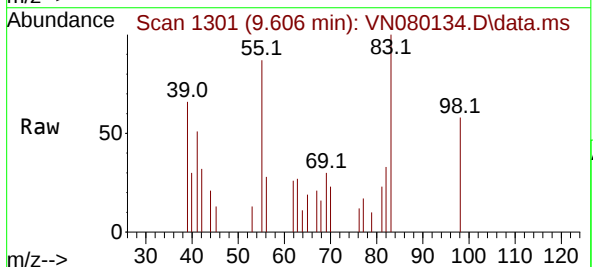
Manual Integrations
APPROVED

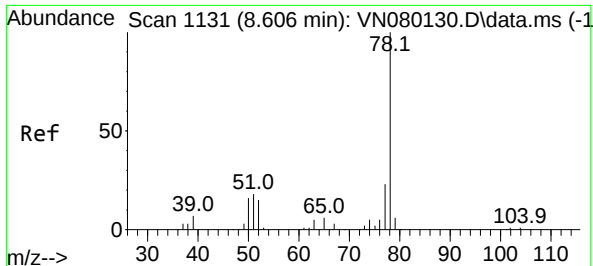
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#39
Methylcyclohexane
Concen: 0.915 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 83 Resp: 3690
Ion Ratio Lower Upper
83 100
55 86.8 49.1 73.7
98 58.4 40.6 61.0





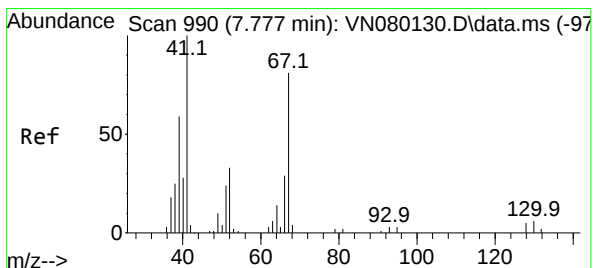
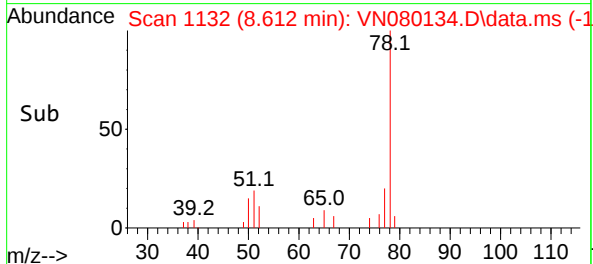
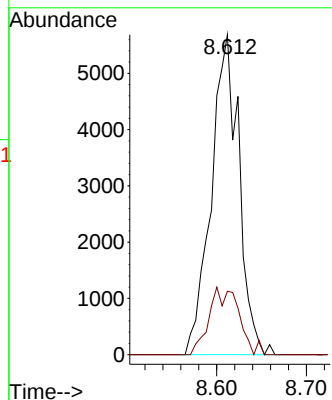
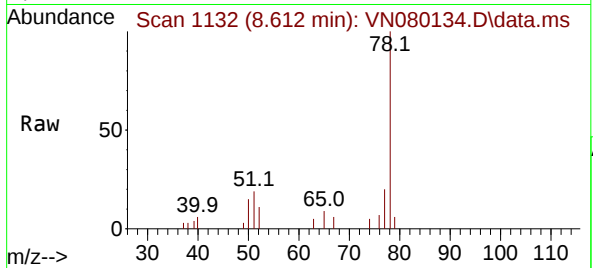
#40
Benzene
Concen: 1.025 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 1219
Ion Ratio Lower Upper
78 100
77 19.8 19.0 28.6

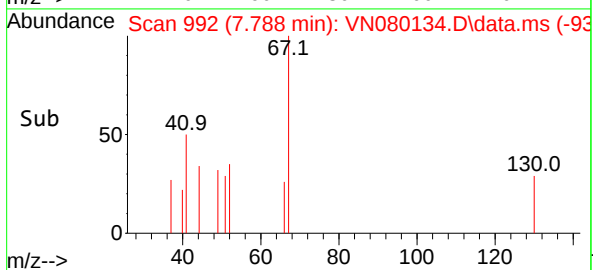
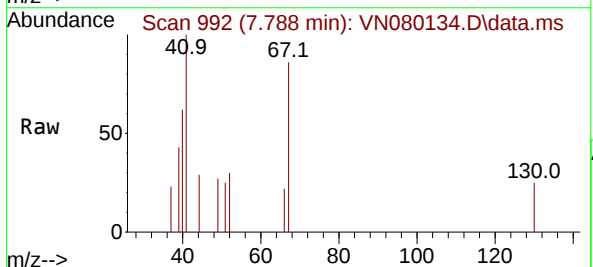
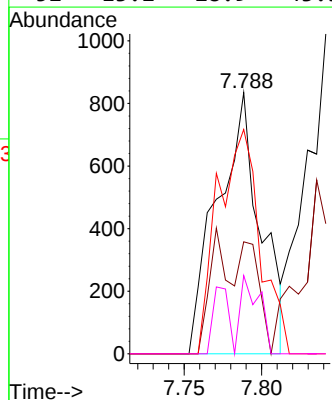
Manual Integrations
APPROVED

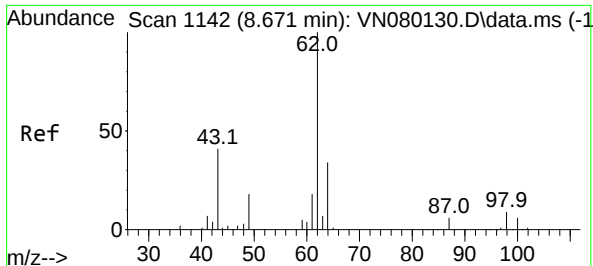
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#41
Methacrylonitrile
Concen: 1.010 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.012 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 41 Resp: 1610
Ion Ratio Lower Upper
41 100
39 19.3 42.6 64.0#
67 84.3 77.5 116.3
52 13.2 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.994 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 483

Ion Ratio Lower Upper

62 100

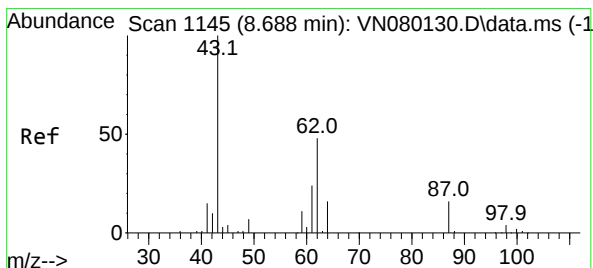
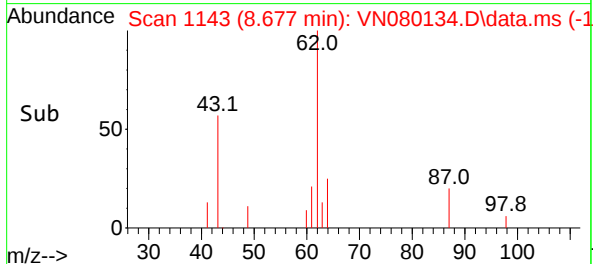
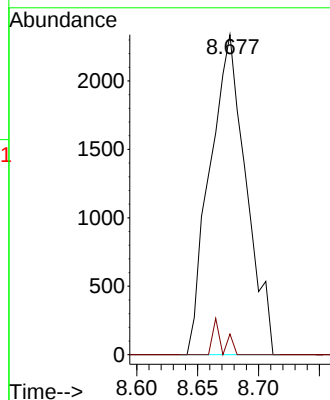
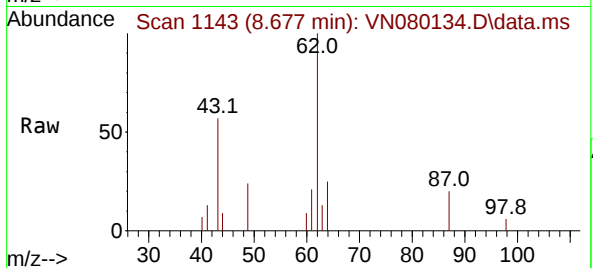
98 3.0 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#43

Isopropyl Acetate

Concen: 1.211 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

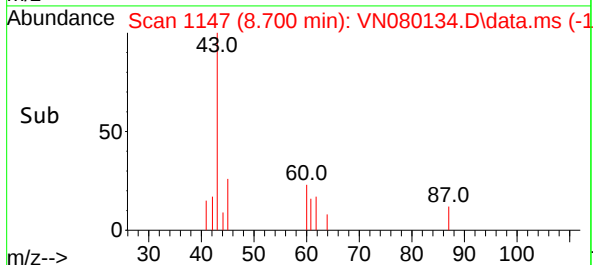
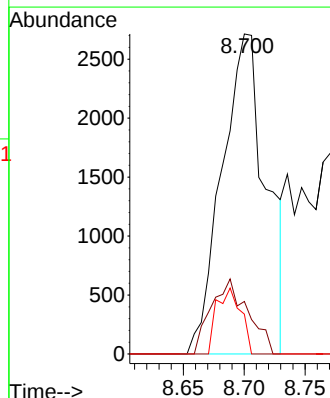
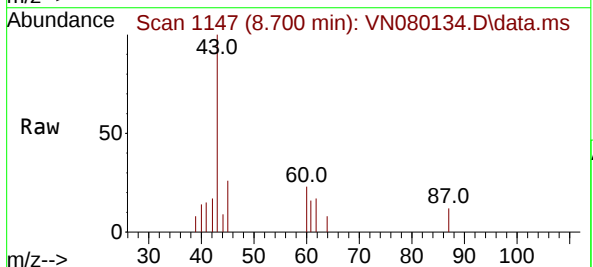
Tgt Ion: 43 Resp: 6837

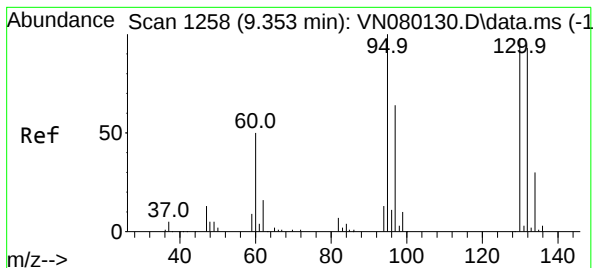
Ion Ratio Lower Upper

43 100

61 19.5 24.7 37.1#

87 11.2 14.6 21.8#





#44

Trichloroethene

Concen: 1.105 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 344

Ion Ratio Lower Upper

130 100

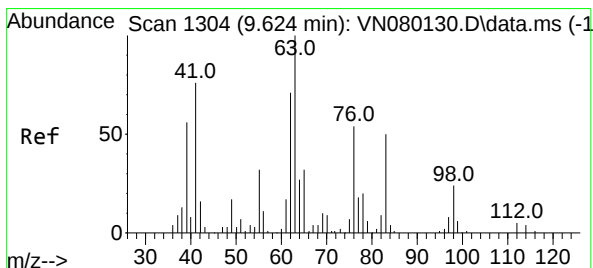
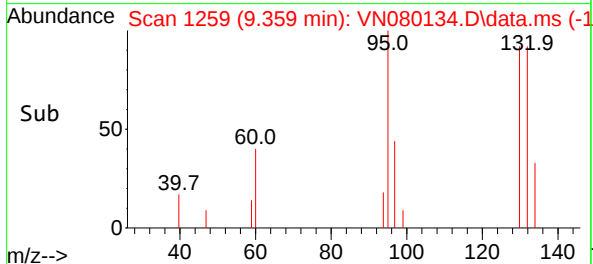
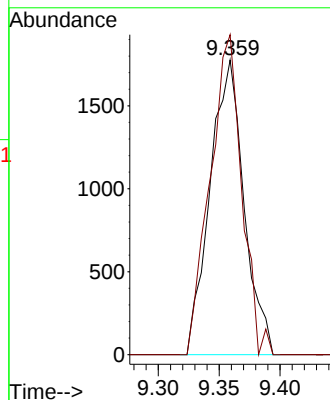
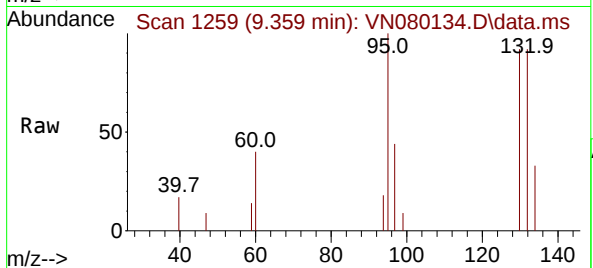
95 108.6 0.0 204.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#45

1,2-Dichloropropane

Concen: 0.943 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080134.D

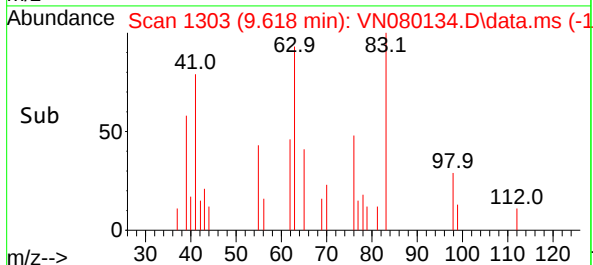
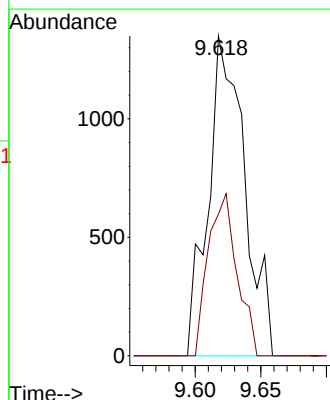
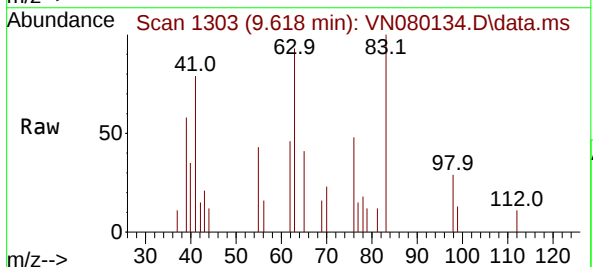
Acq: 16 Nov 2023 13:33

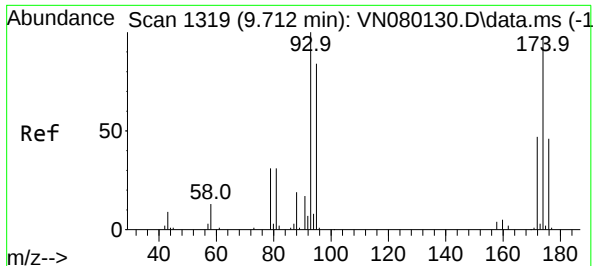
Tgt Ion: 63 Resp: 2605

Ion Ratio Lower Upper

63 100

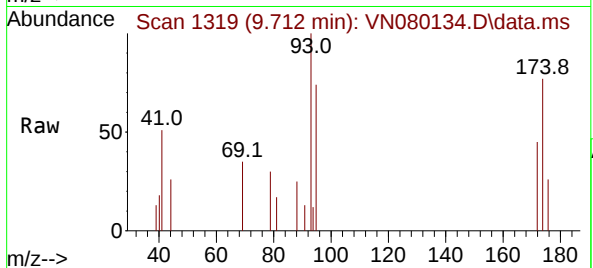
65 44.3 23.9 35.9#





#46
Dibromomethane
Concen: 1.008 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

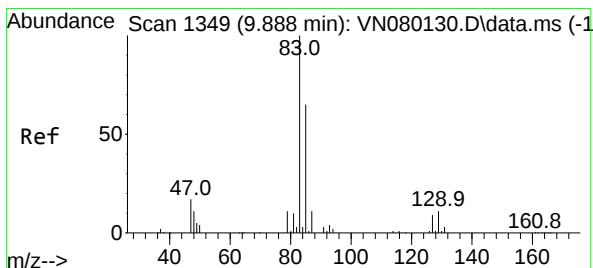
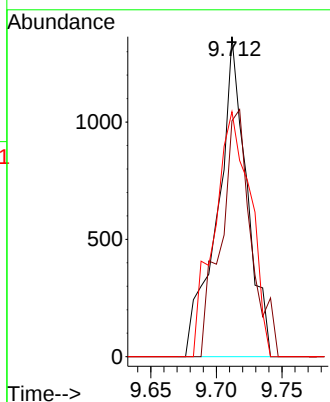
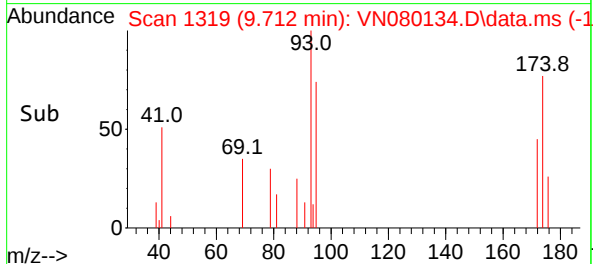
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



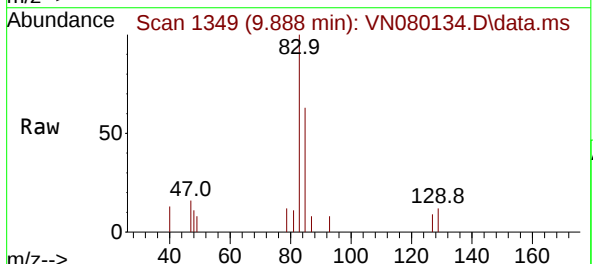
Tgt Ion: 93 Resp: 2108
Ion Ratio Lower Upper
93 100
95 80.2 63.8 95.8
174 95.4 65.6 98.4

Manual Integrations
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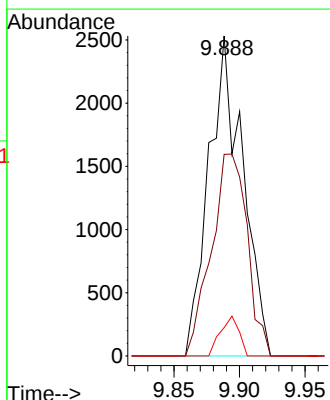
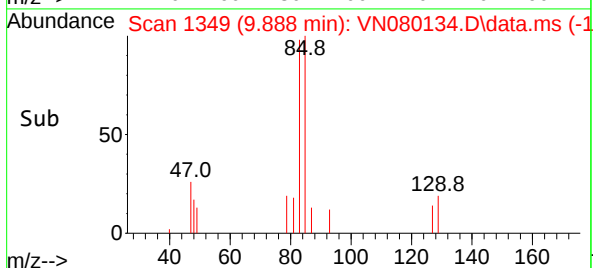
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

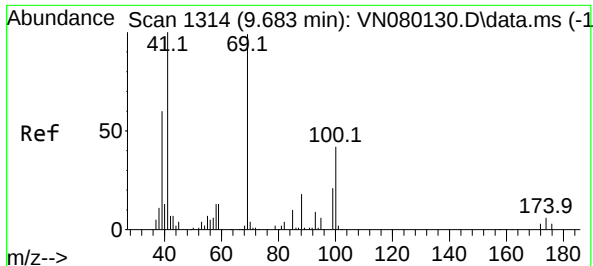


#47
Bromodichloromethane
Concen: 0.990 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33



Tgt Ion: 83 Resp: 4555
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.9 7.0 10.6





#48

Methyl methacrylate

Concen: 0.925 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2692

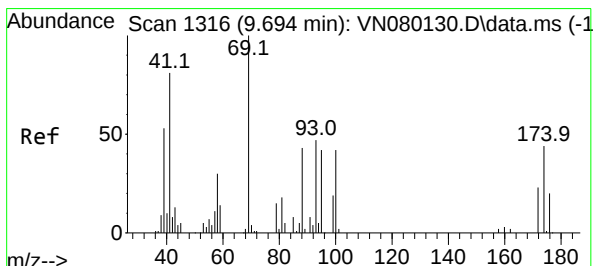
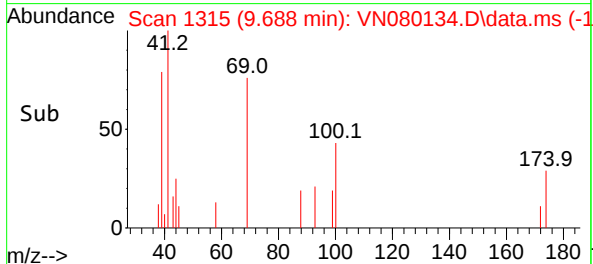
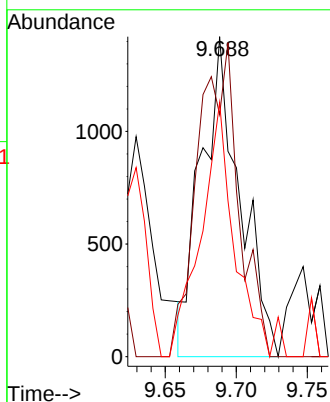
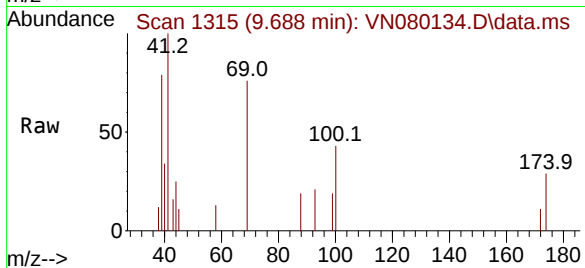
Ion	Ratio	Lower	Upper
41	100		
69	103.7	90.4	135.6
39	70.5	54.6	81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#49

1,4-Dioxane

Concen: 21.935 ug/l

RT: 9.694 min Scan# 1316

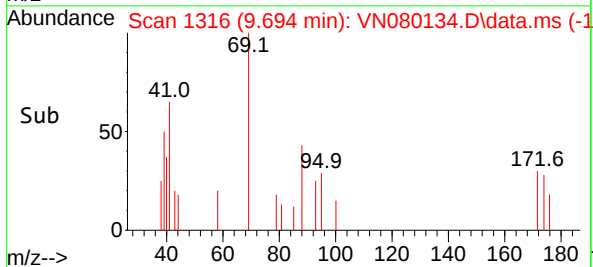
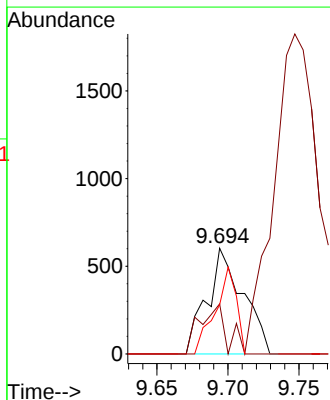
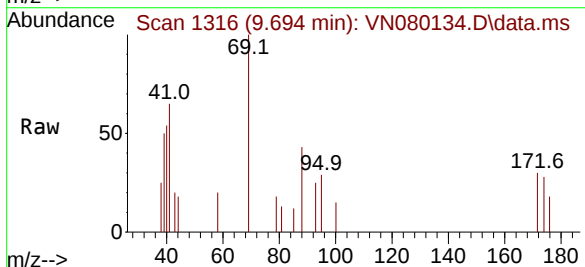
Delta R.T. -0.000 min

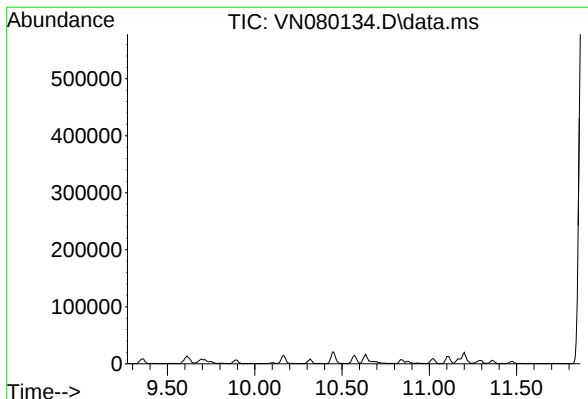
Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion: 88 Resp: 1062

Ion	Ratio	Lower	Upper
88	100		
43	29.5	17.0	25.6
58	47.9	47.0	70.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.56 min

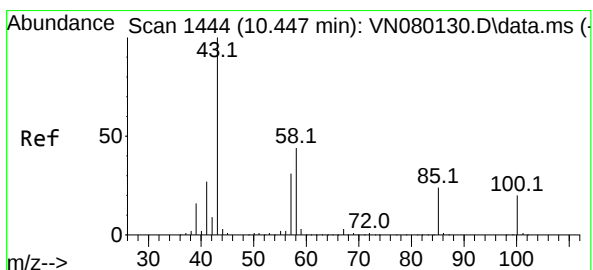
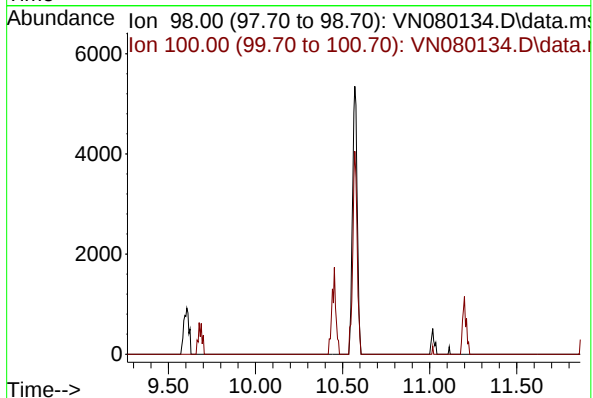
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

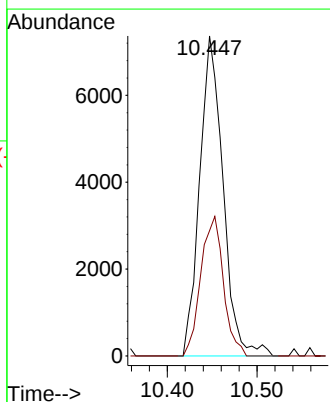
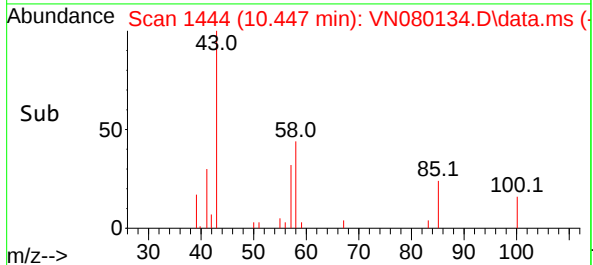
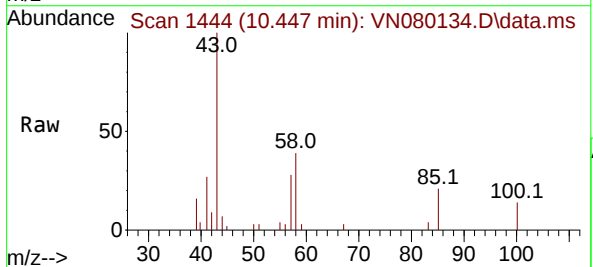
Manual Integrations APPROVED

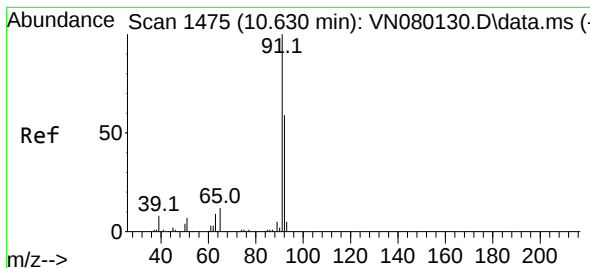
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#51
4-Methyl-2-Pentanone
Concen: 4.556 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 43 Resp: 13321
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8





#52

Toluene

Concen: 1.000 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 744

Ion Ratio Lower Upper

92 100

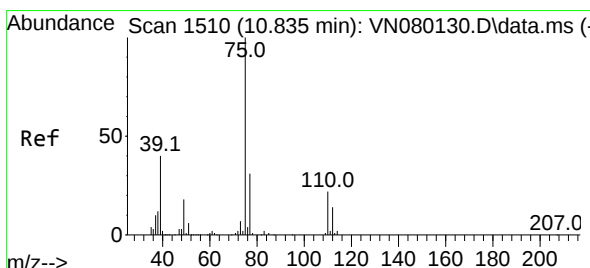
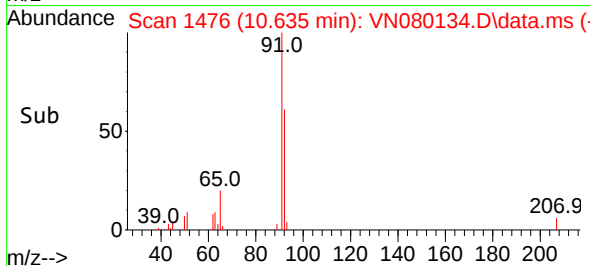
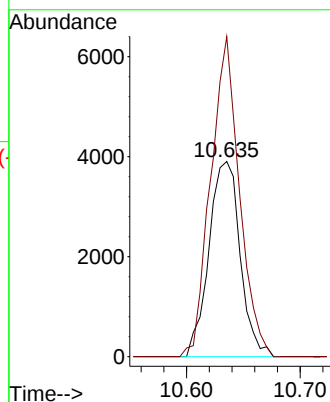
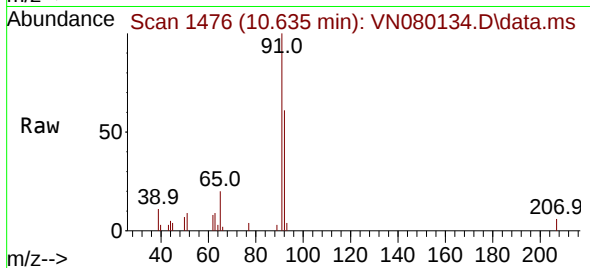
91 151.3 137.4 206.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#53

t-1,3-Dichloropropene

Concen: 0.940 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN080134.D

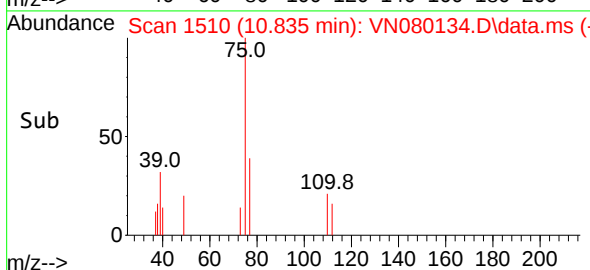
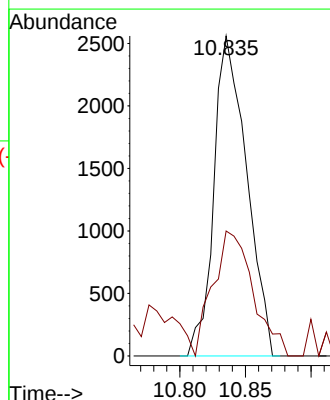
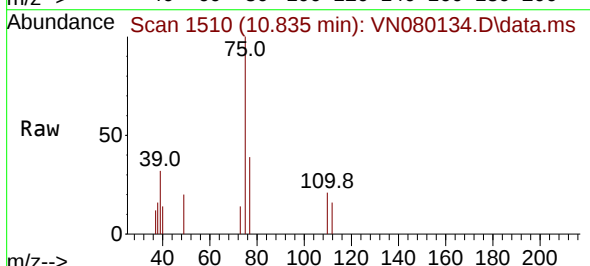
Acq: 16 Nov 2023 13:33

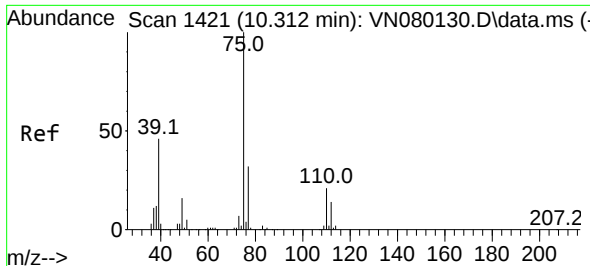
Tgt Ion: 75 Resp: 4445

Ion Ratio Lower Upper

75 100

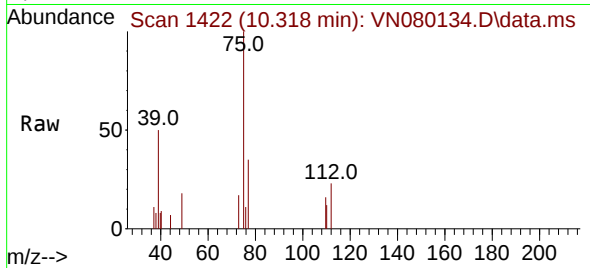
77 32.1 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.919 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

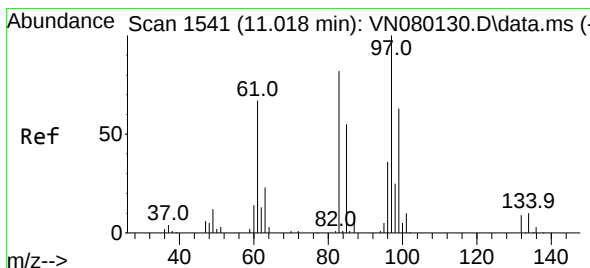
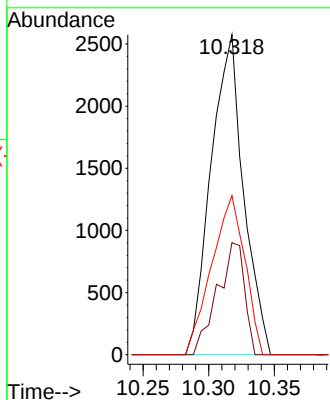
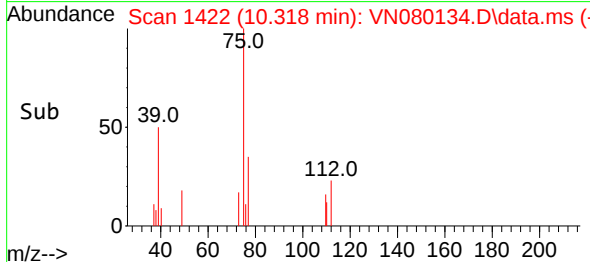
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 4440
Ion Ratio Lower Upper
75 100
77 35.0 26.1 39.1
39 49.7 31.6 47.4

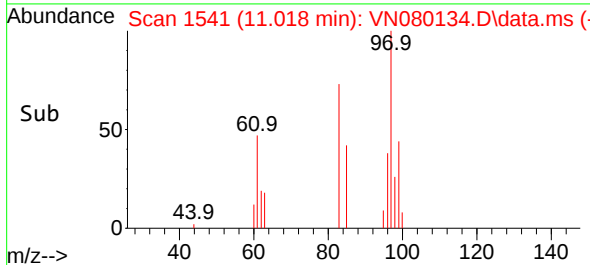
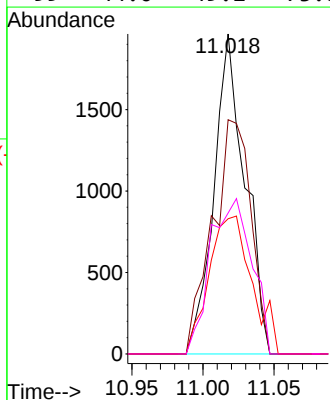
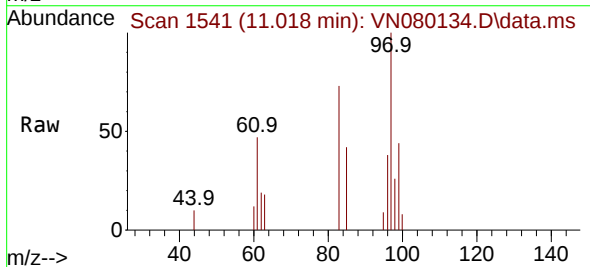
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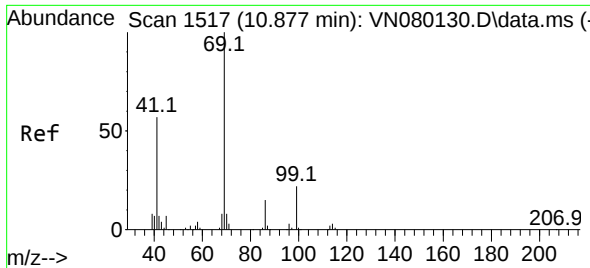
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#55
1,1,2-Trichloroethane
Concen: 1.054 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 97 Resp: 2993
Ion Ratio Lower Upper
97 100
83 73.2 65.1 97.7
85 42.3 43.4 65.2#
99 44.0 49.2 73.8#





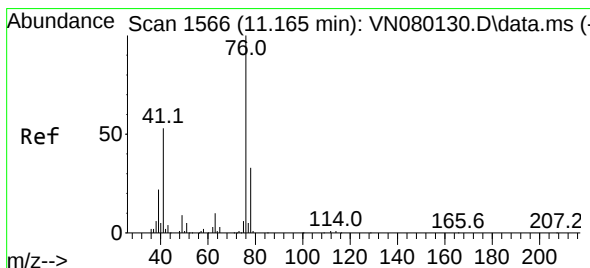
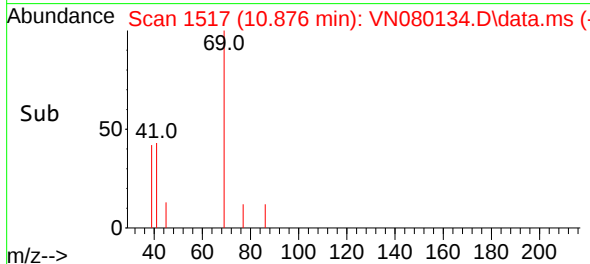
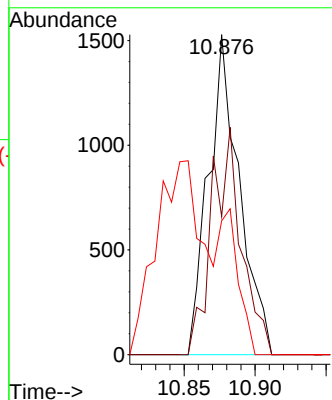
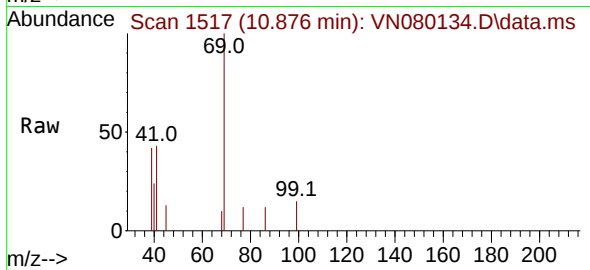
#56
Ethyl methacrylate
Concen: 0.798 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 2314
Ion Ratio Lower Upper
69 100
41 67.7 39.6 59.4
39 28.4 28.6 43.0

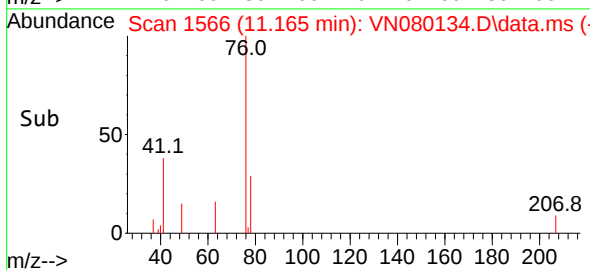
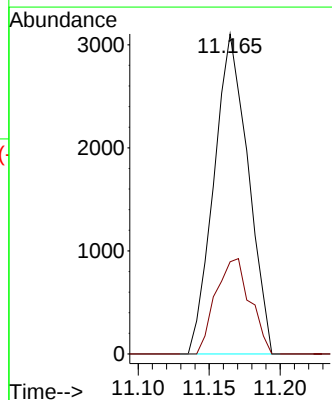
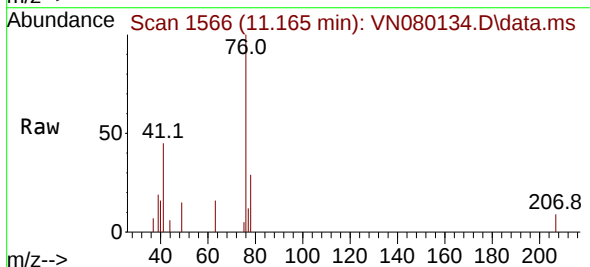
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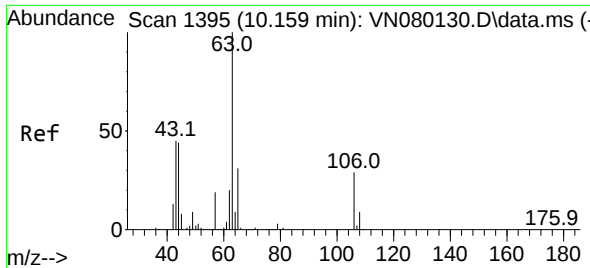
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#57
1,3-Dichloropropane
Concen: 1.047 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 76 Resp: 5192
Ion Ratio Lower Upper
76 100
78 30.1 26.1 39.1





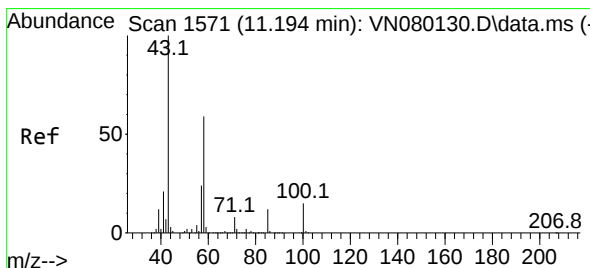
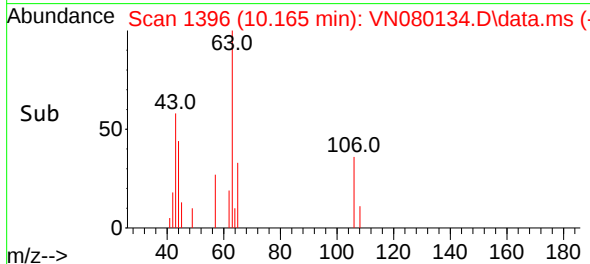
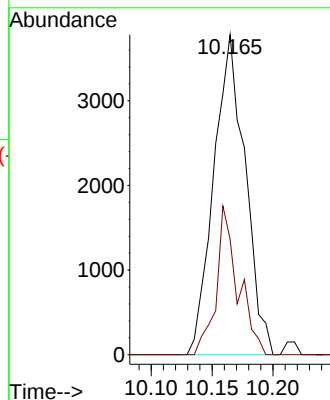
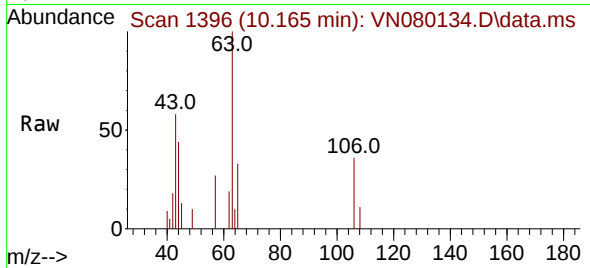
#58
2-Chloroethyl Vinyl ether
Concen: 4.158 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 679
Ion Ratio Lower Upper
63 100
106 32.1 26.2 39.4

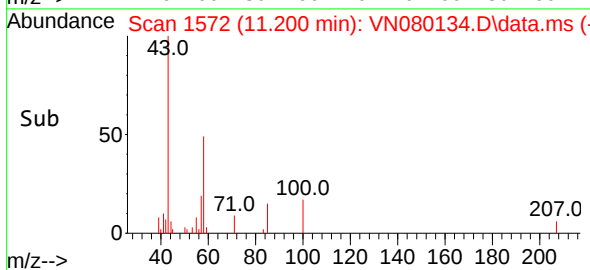
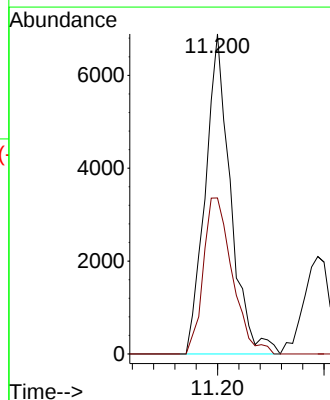
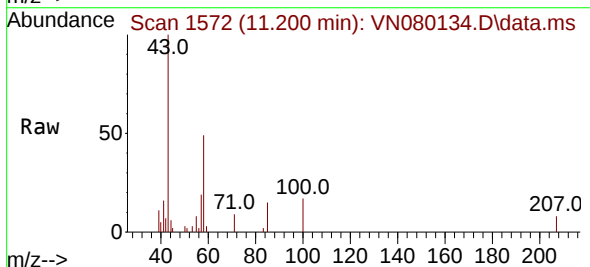
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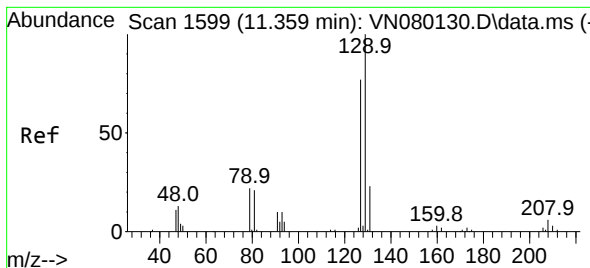
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#59
2-Hexanone
Concen: 4.828 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 43 Resp: 11342
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1





#60

Dibromochloromethane

Concen: 0.968 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 329

Ion Ratio Lower Upper

129 100

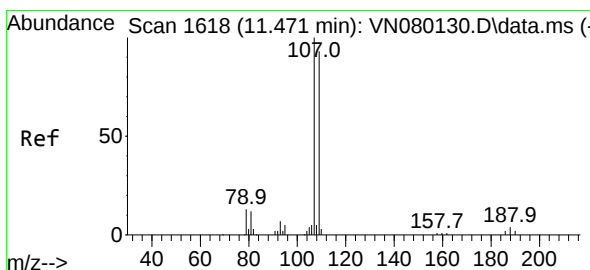
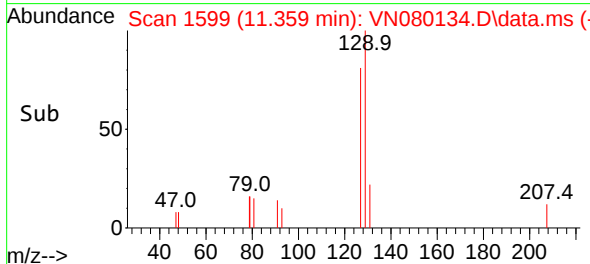
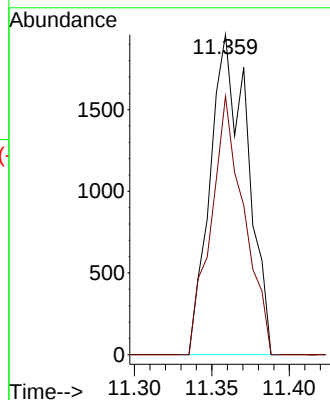
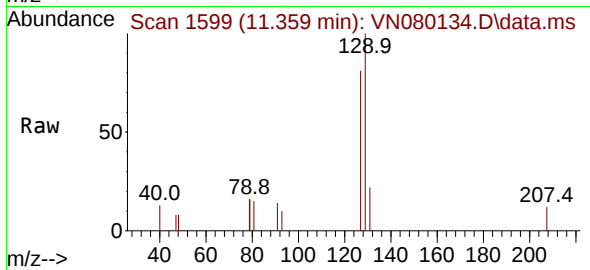
127 71.4 38.6 116.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#61

1,2-Dibromoethane

Concen: 1.039 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN080134.D

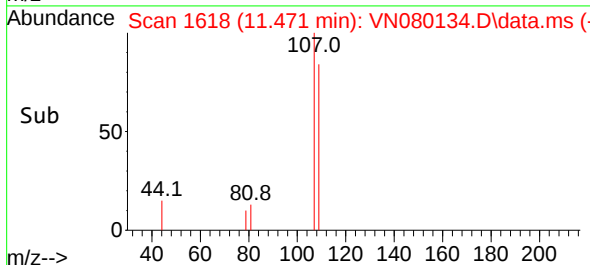
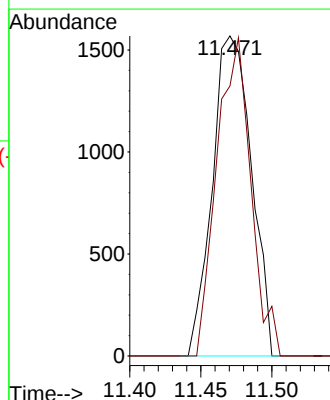
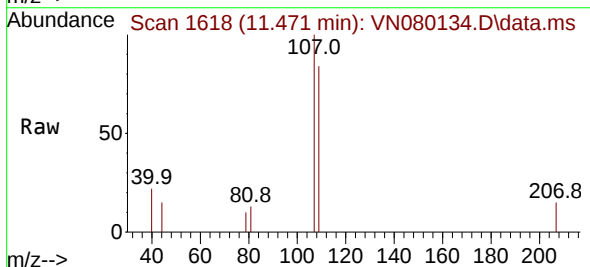
Acq: 16 Nov 2023 13:33

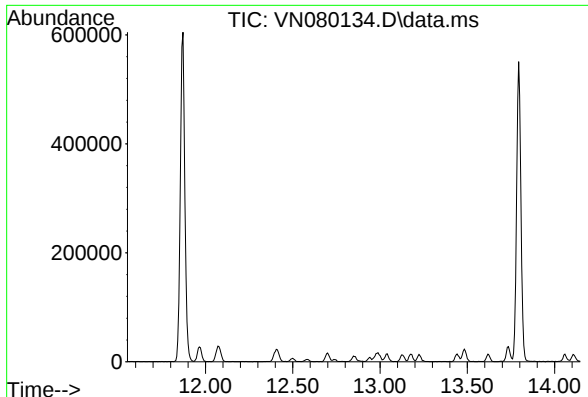
Tgt Ion:107 Resp: 3010

Ion Ratio Lower Upper

107 100

109 86.3 76.6 114.8





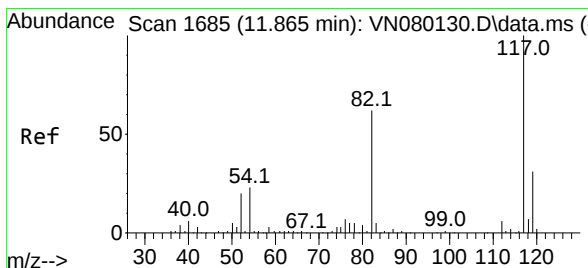
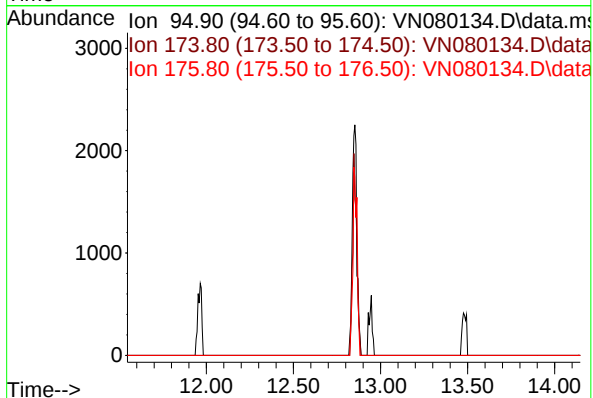
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

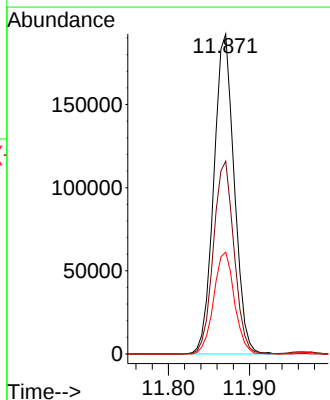
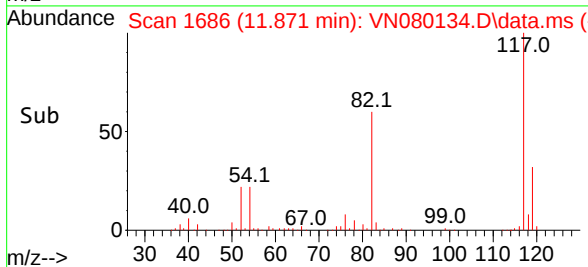
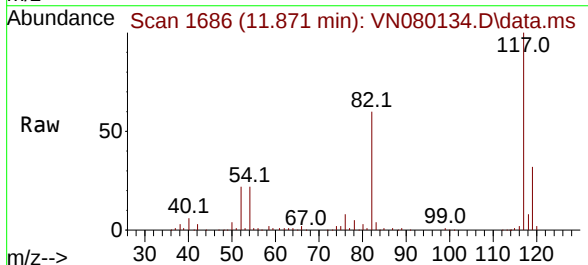
Manual Integrations
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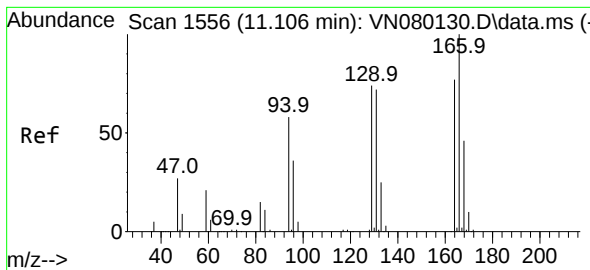
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Tgt Ion:117 Resp: 336757
 Ion Ratio Lower Upper
 117 100
 82 60.3 44.0 66.0
 119 31.8 25.6 38.4





#64

Tetrachloroethene

Concen: 1.108 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:164 Resp: 284

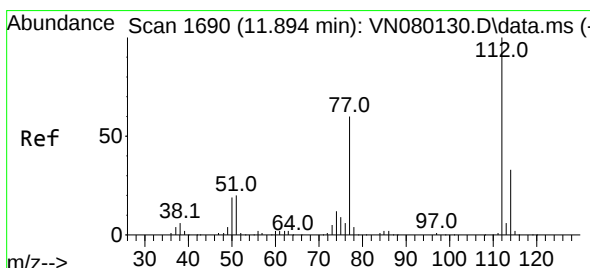
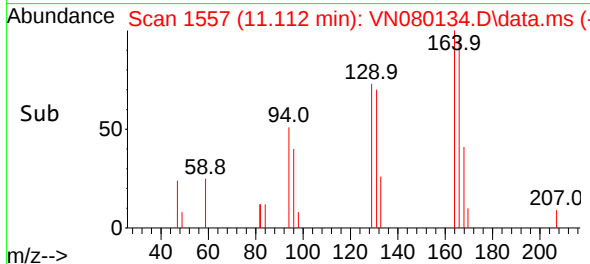
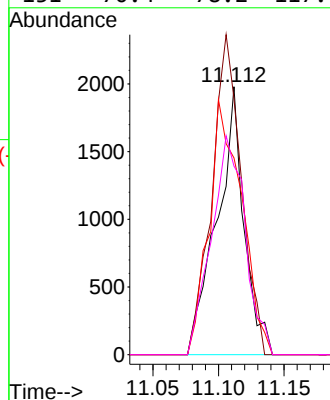
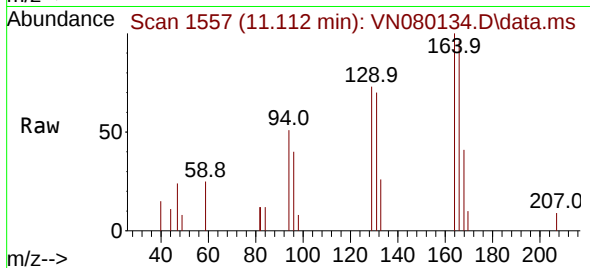
Ion	Ratio	Lower	Upper
164	100		
166	95.6	101.4	152.0
129	73.4	82.4	123.6
131	70.4	78.2	117.4

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#65

Chlorobenzene

Concen: 1.036 ug/l

RT: 11.894 min Scan# 1690

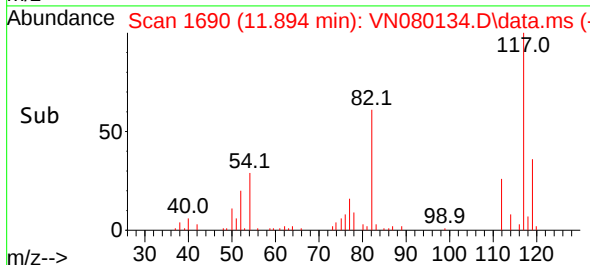
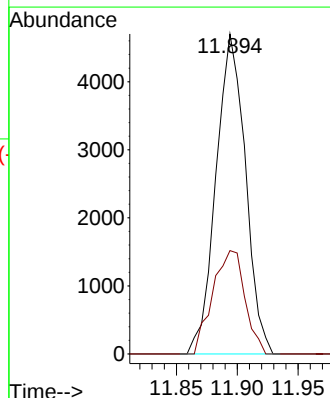
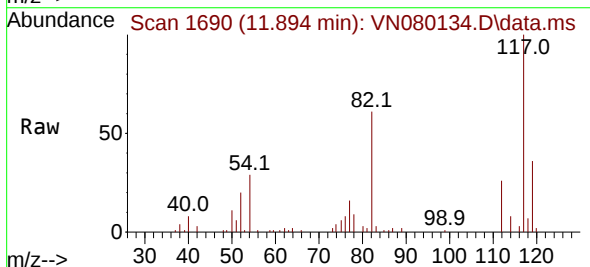
Delta R.T. -0.000 min

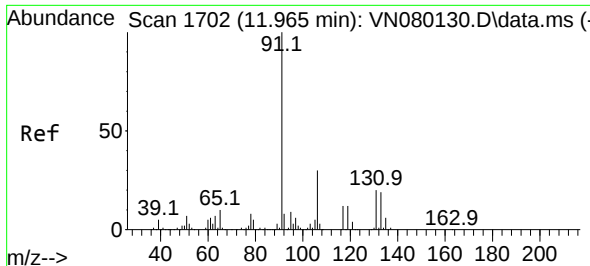
Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion:112 Resp: 7905

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.4





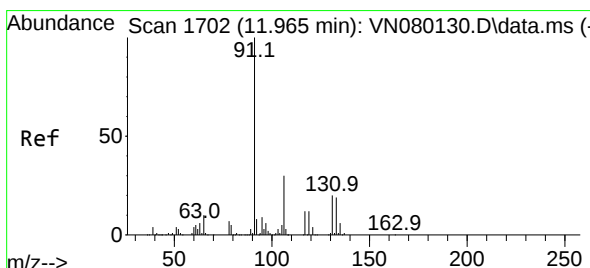
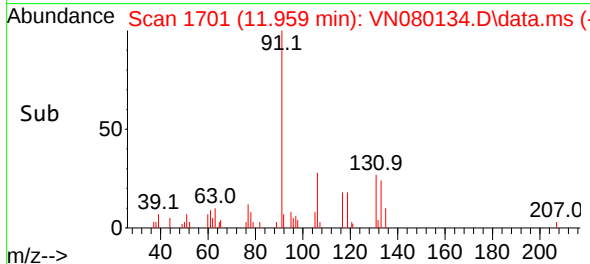
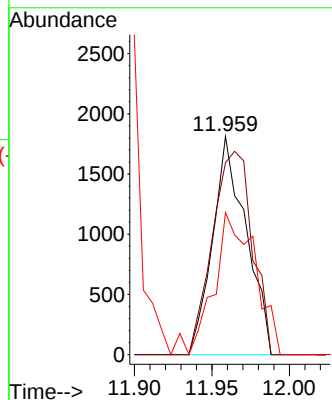
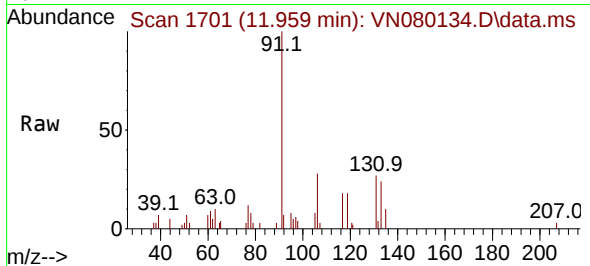
#66
1,1,1,2-Tetrachloroethane
Concen: 0.914 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 270
Ion Ratio Lower Upper
131 100
133 111.5 46.4 139.1
119 0.0 34.1 102.2

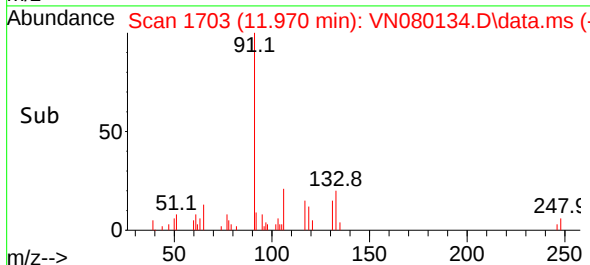
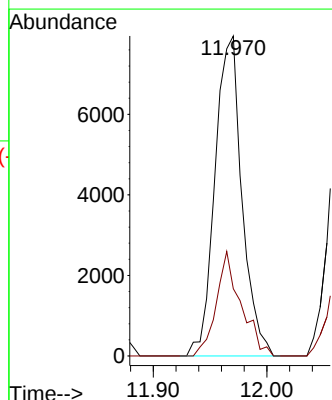
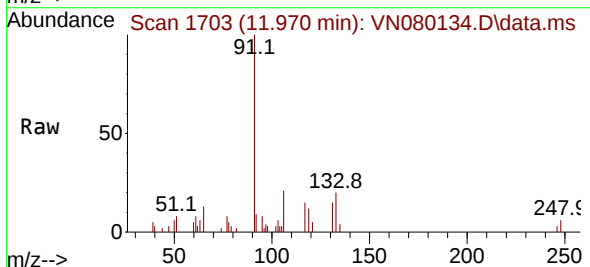
Manual Integrations
APPROVED

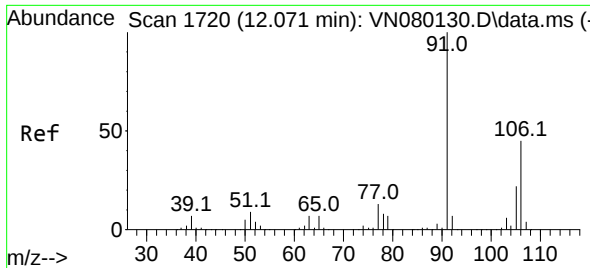
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#67
Ethyl Benzene
Concen: 0.968 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 91 Resp: 13144
Ion Ratio Lower Upper
91 100
106 21.0 25.6 38.4#





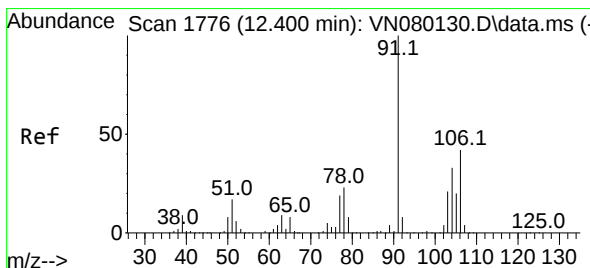
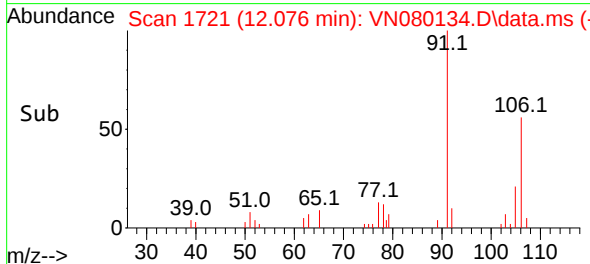
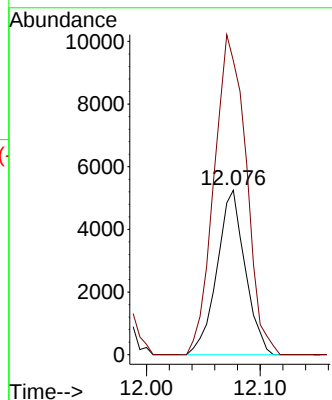
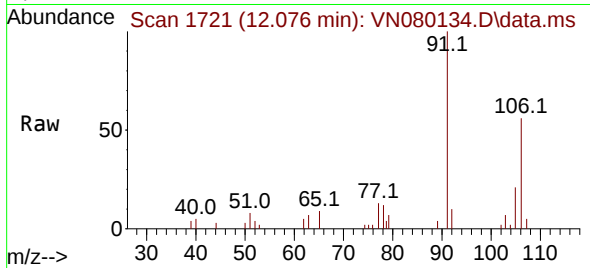
#68
m/p-Xylenes
Concen: 1.825 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 903
Ion Ratio Lower Upper
106 100
91 221.4 159.6 239.4

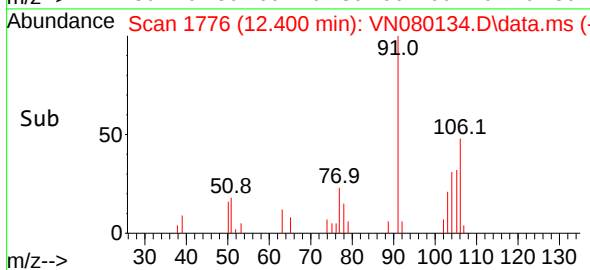
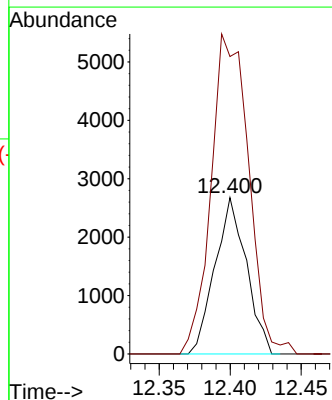
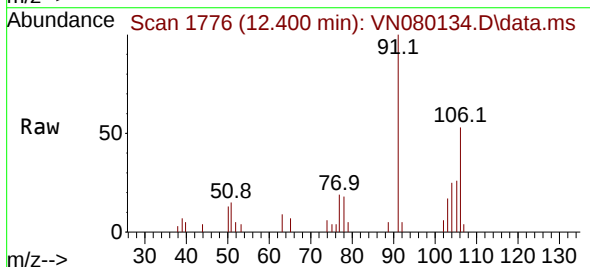
Manual Integrations
APPROVED

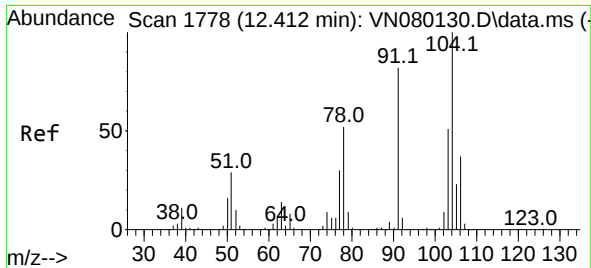
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#69
o-Xylene
Concen: 0.883 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:106 Resp: 4119
Ion Ratio Lower Upper
106 100
91 244.3 105.2 315.5





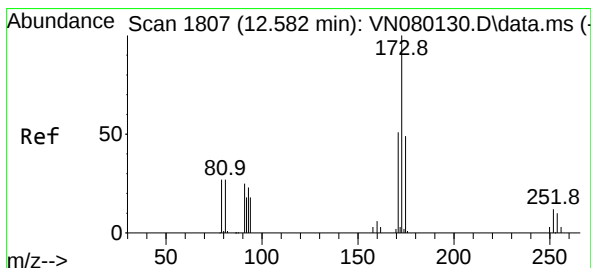
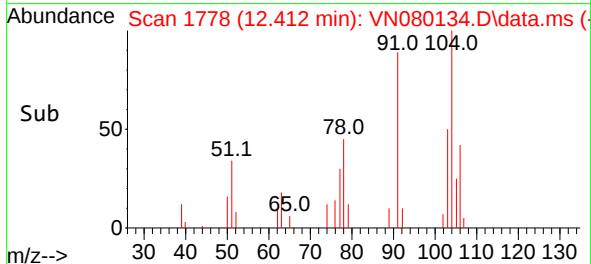
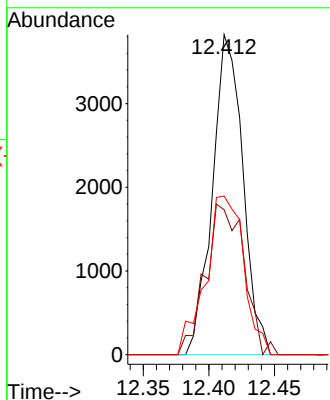
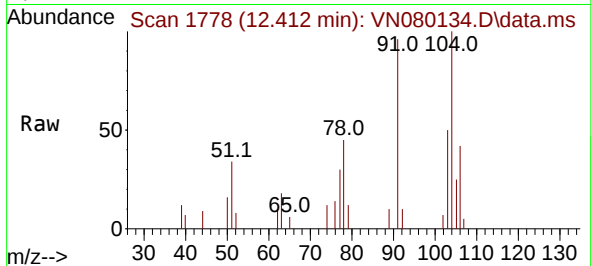
#70
Styrene
Concen: 0.889 ug/l
RT: 12.412 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 6179
Ion Ratio Lower Upper
104 100
78 59.5 39.5 59.3
103 61.7 43.2 64.8

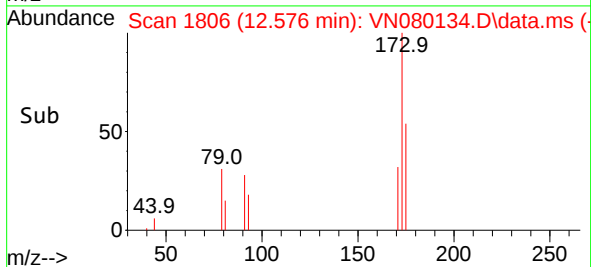
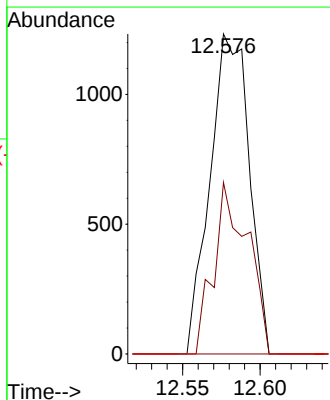
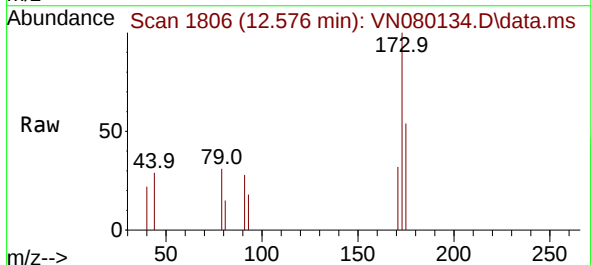
Manual Integrations
APPROVED

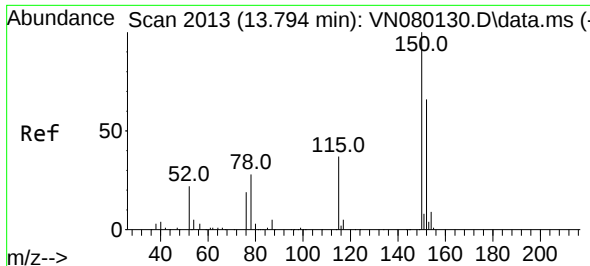
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#71
Bromoform
Concen: 0.988 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:173 Resp: 2169
Ion Ratio Lower Upper
173 100
175 46.6 24.3 73.0
254 0.0 0.0 0.0





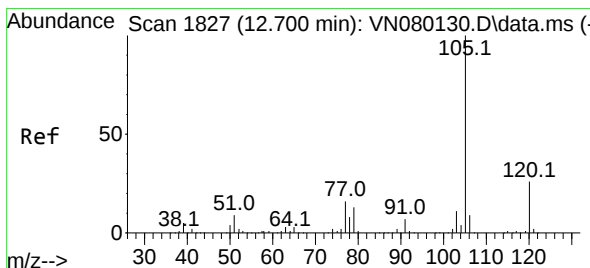
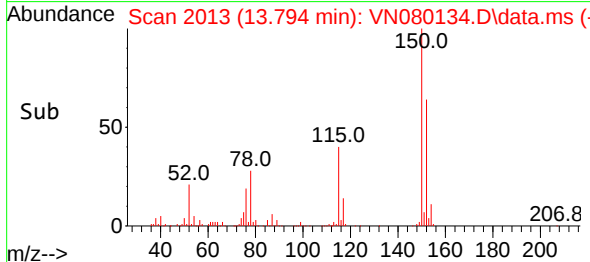
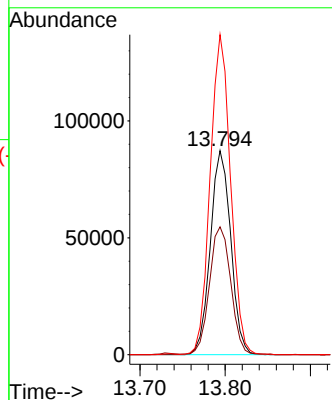
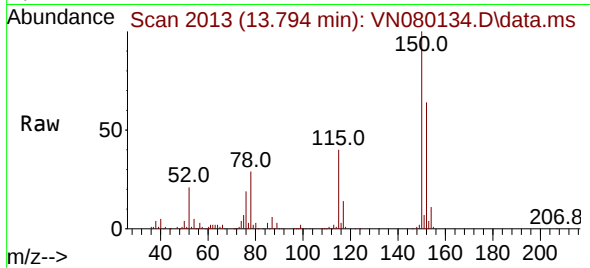
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:152 Resp: 14526
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 156.6 0.0 355.8

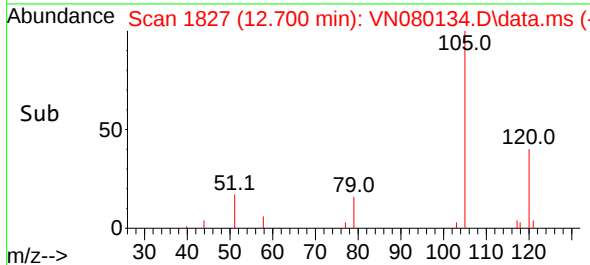
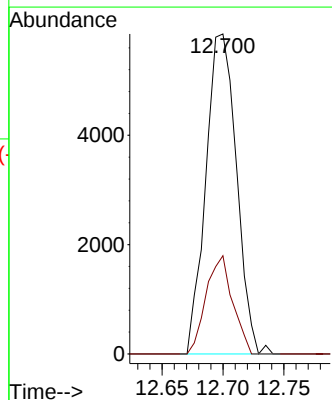
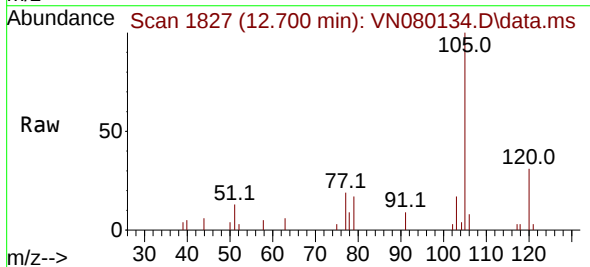
Manual Integrations
APPROVED

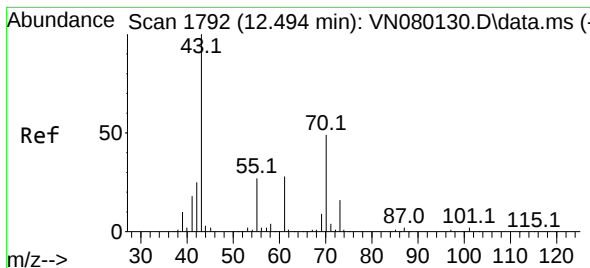
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#73
Isopropylbenzene
Concen: 0.908 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:105 Resp: 10255
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





#74

N-amy1 acetate

Concen: 0.892 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 3139

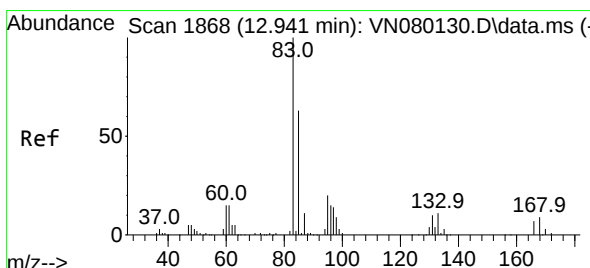
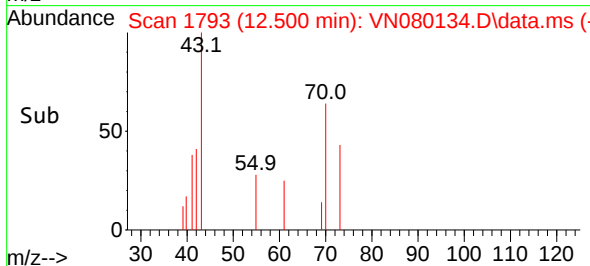
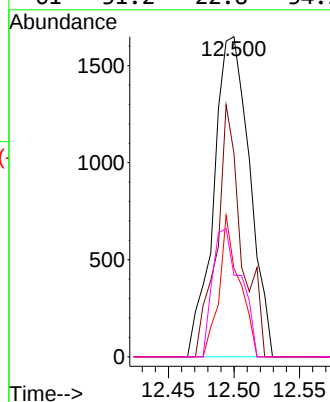
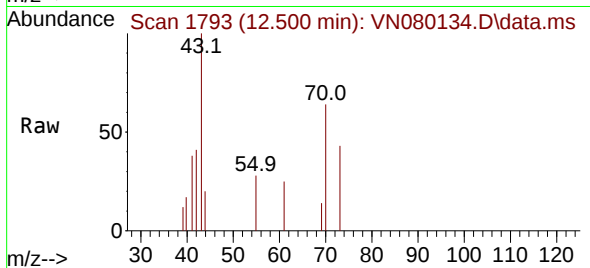
Ion	Ratio	Lower	Upper
43	100		
70	54.3	43.4	65.2
55	24.6	21.4	32.0
61	31.2	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 1.106 ug/l

RT: 12.947 min Scan# 1869

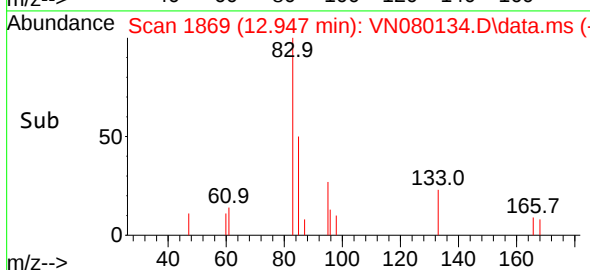
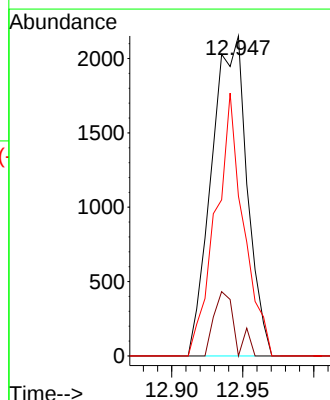
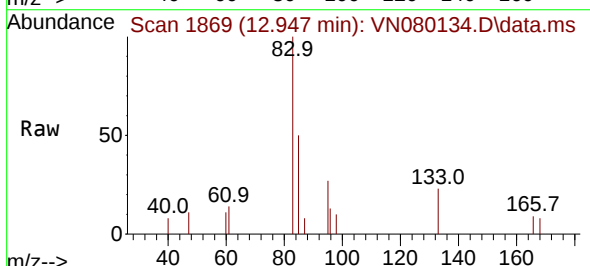
Delta R.T. 0.006 min

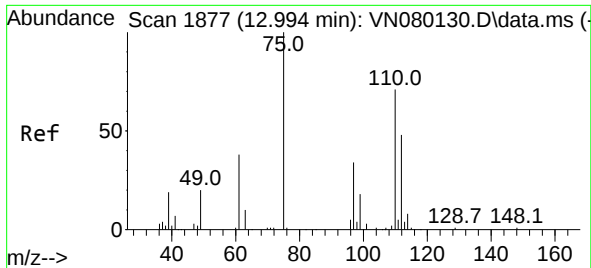
Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion: 83 Resp: 3735

Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.0	15.0
85	64.7	31.9	95.7





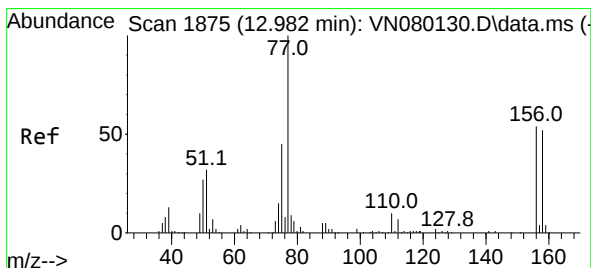
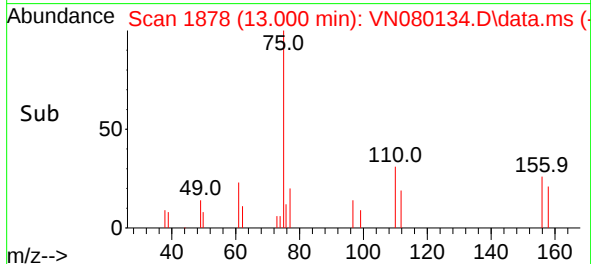
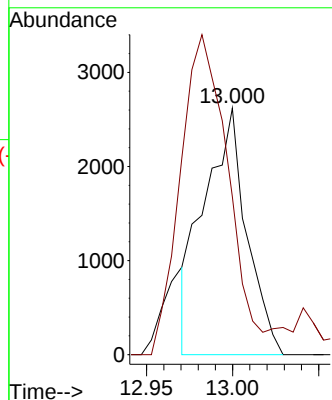
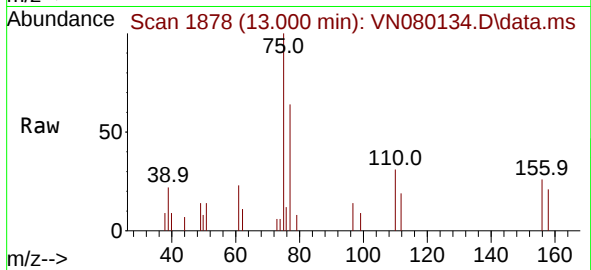
#76
1,2,3-Trichloropropane
Concen: 1.271 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 450
Ion Ratio Lower Upper
75 100
77 147.0 84.5 253.5

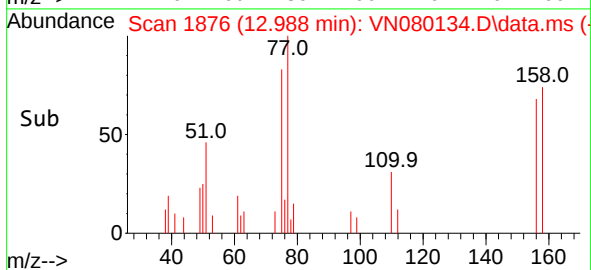
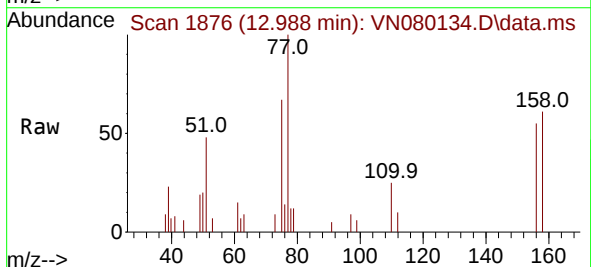
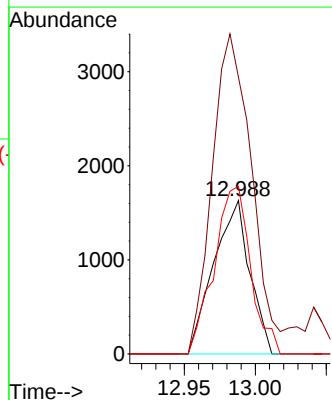
Manual Integrations
APPROVED

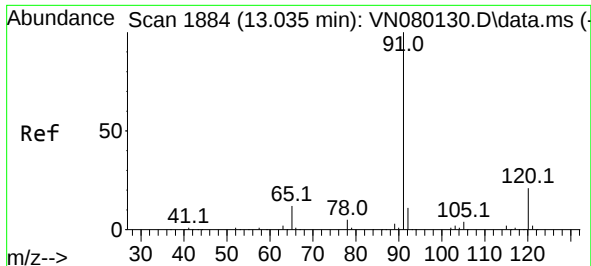
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#77
Bromobenzene
Concen: 1.009 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:156 Resp: 2873
Ion Ratio Lower Upper
156 100
77 230.4 107.7 323.3
158 110.7 48.4 145.3





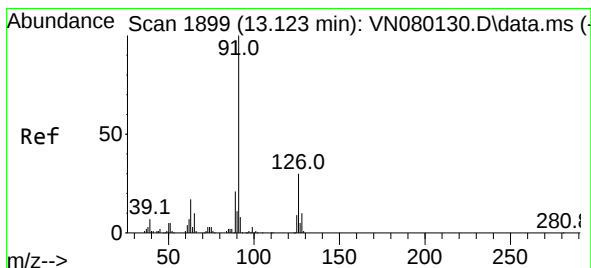
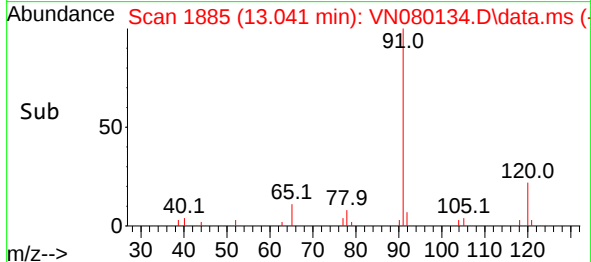
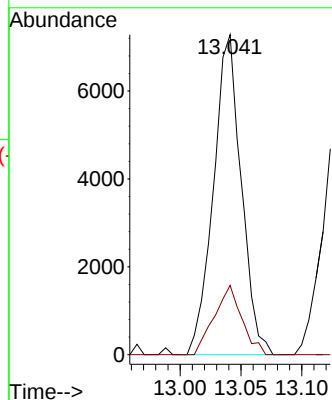
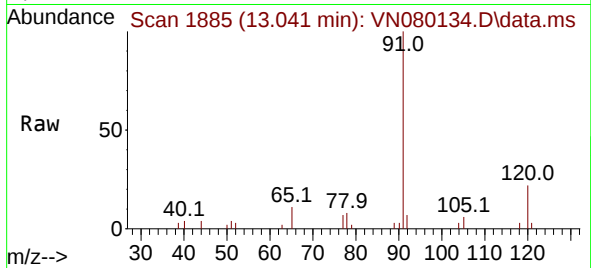
#78
n-propylbenzene
Concen: 0.918 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1158
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

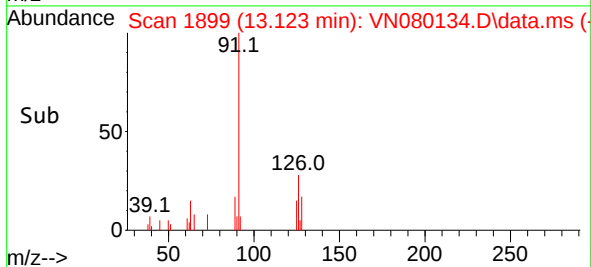
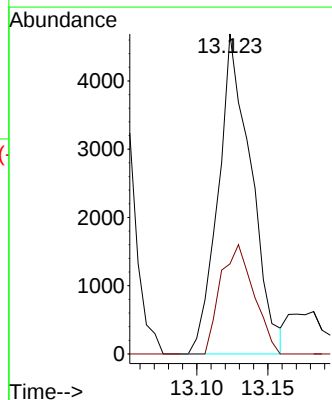
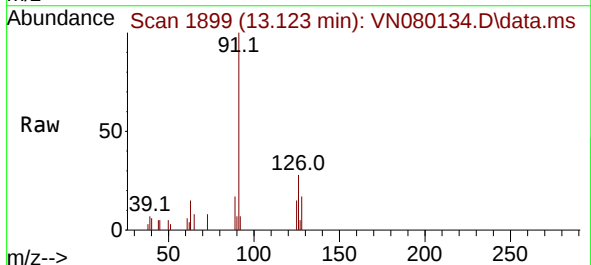
Manual Integrations
APPROVED

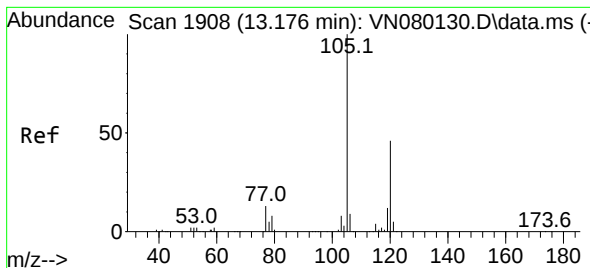
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#79
2-Chlorotoluene
Concen: 0.922 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 91 Resp: 7558
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8





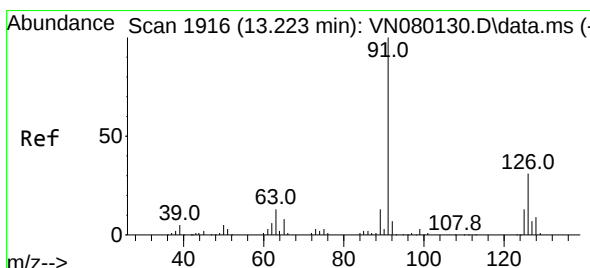
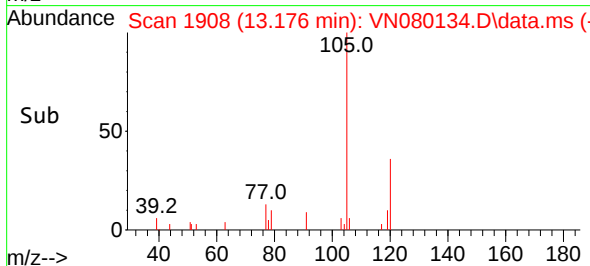
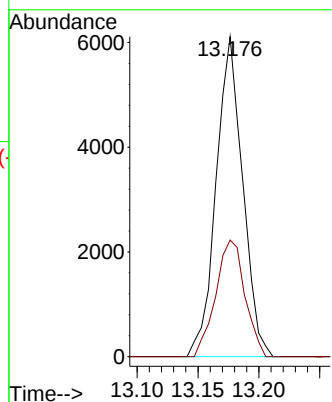
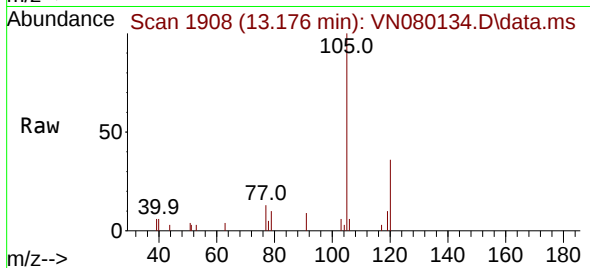
#80
1,3,5-Trimethylbenzene
Concen: 0.943 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 9260
Ion Ratio Lower Upper
105 100
120 40.1 24.1 72.3

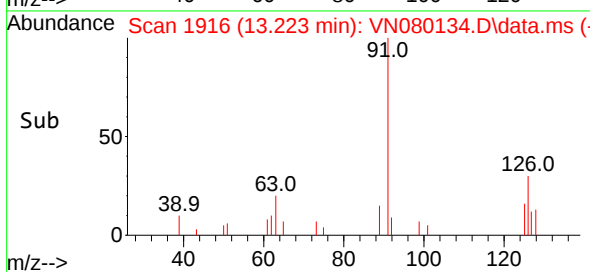
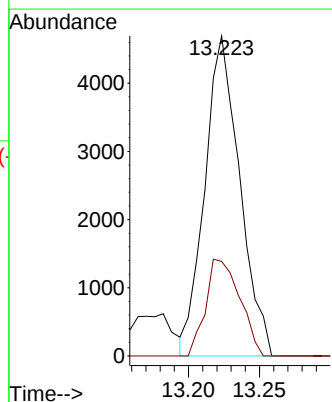
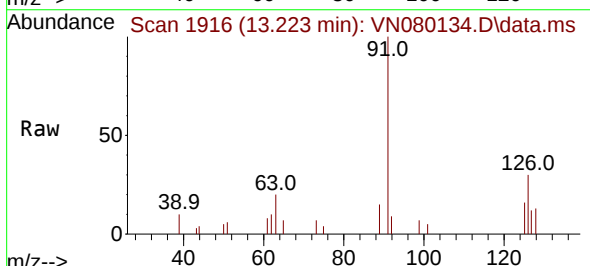
Manual Integrations
APPROVED

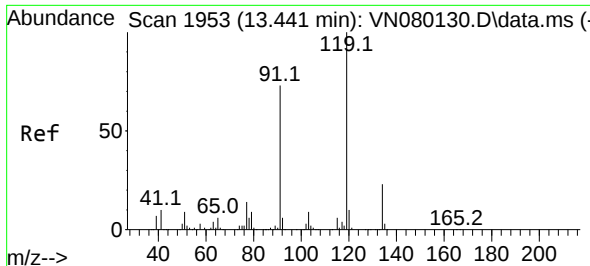
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 0.956 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 91 Resp: 8033
Ion Ratio Lower Upper
91 100
126 29.5 16.7 50.0





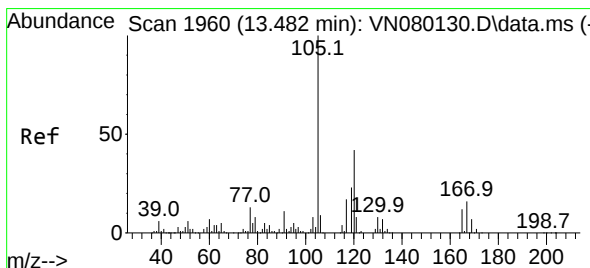
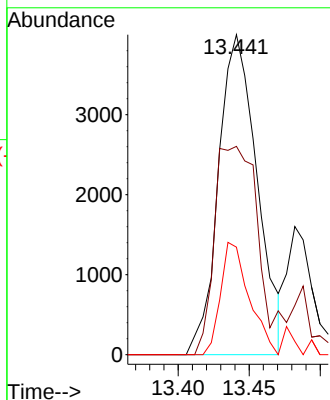
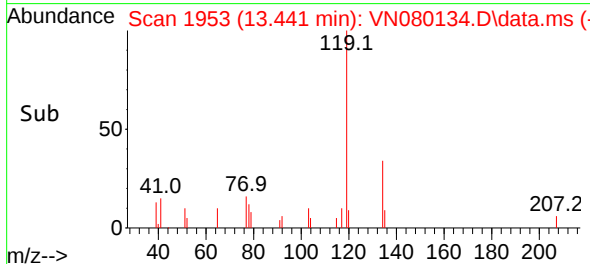
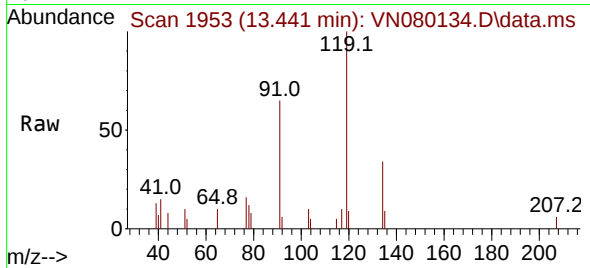
#83
tert-Butylbenzene
Concen: 0.960 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 7560
Ion Ratio Lower Upper
119 100
91 75.1 33.9 101.7
134 26.1 13.2 39.6

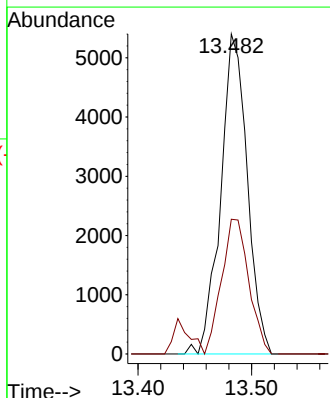
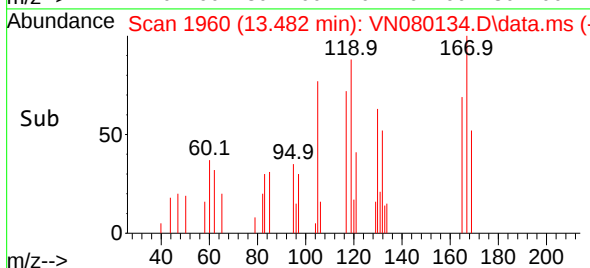
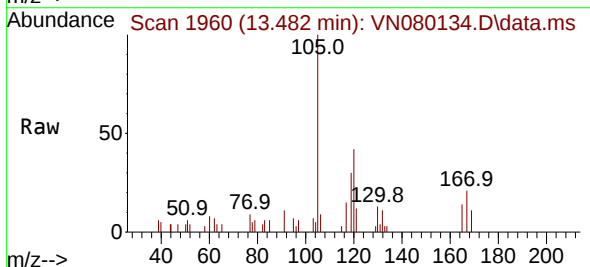
Manual Integrations
APPROVED

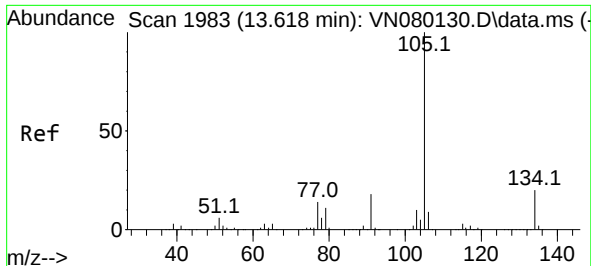
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.906 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion:105 Resp: 8765
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





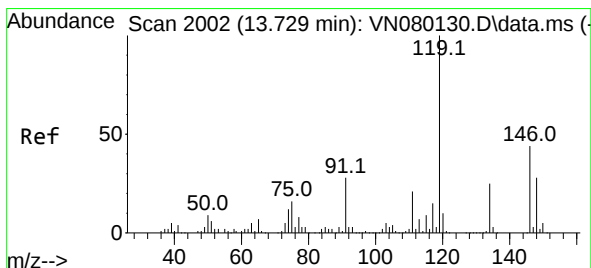
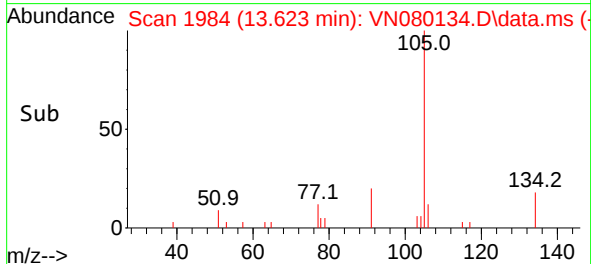
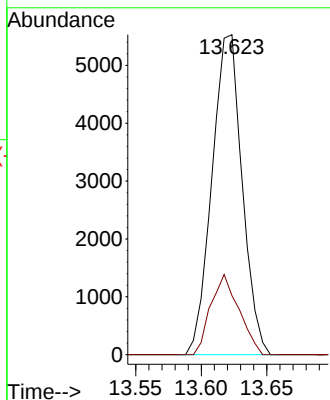
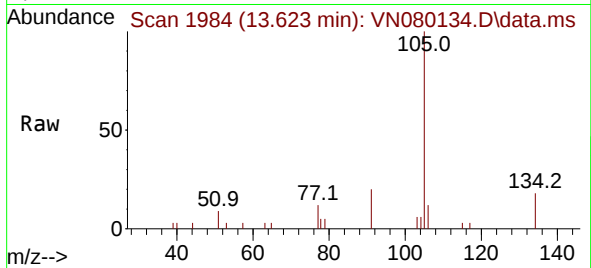
#85
 sec-Butylbenzene
 Concen: 0.888 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 885
 Ion Ratio Lower Upper
 105 100
 134 23.5 9.8 29.3

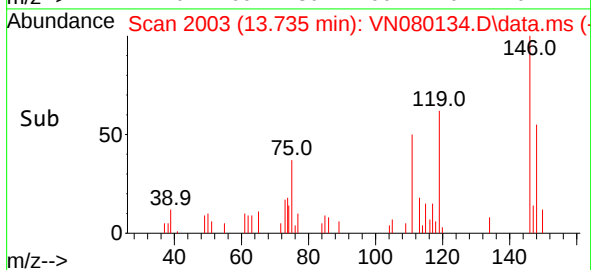
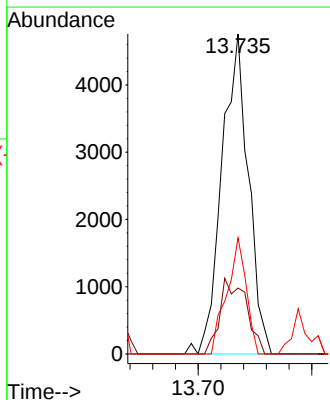
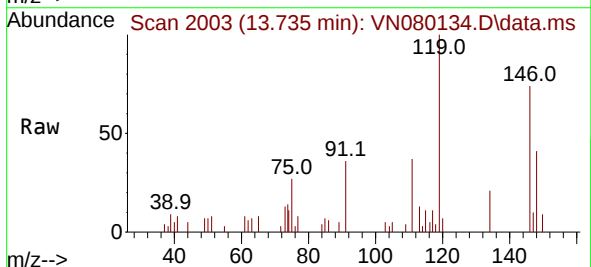
Manual Integrations
 APPROVED

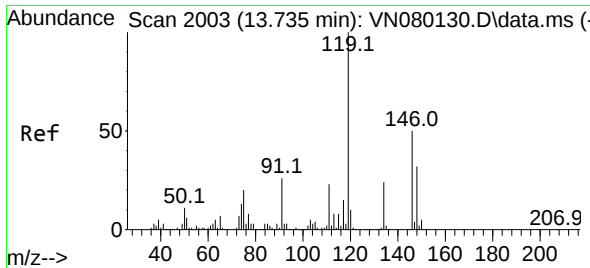
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 0.866 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080134.D
 Acq: 16 Nov 2023 13:33

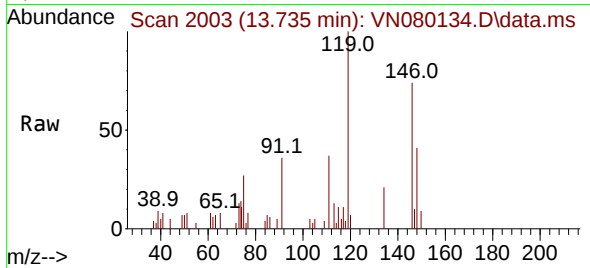
Tgt Ion:119 Resp: 7709
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.6 37.8
 91 26.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 1.160 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

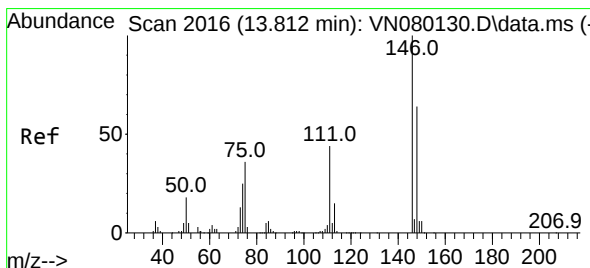
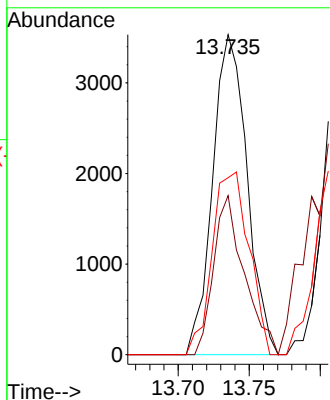
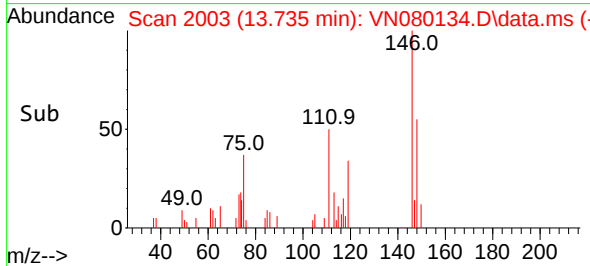
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



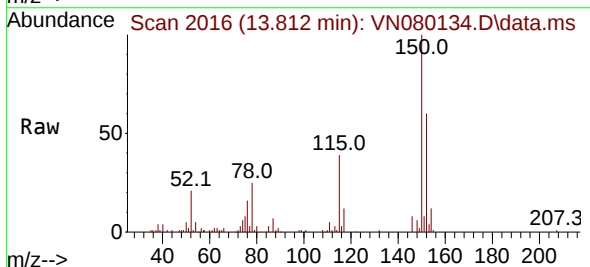
Tgt Ion:146 Resp: 594
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.3
148 61.0 32.0 96.0

Manual Integrations
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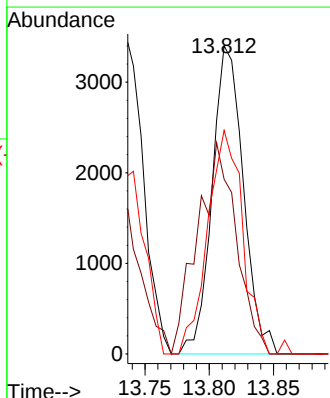
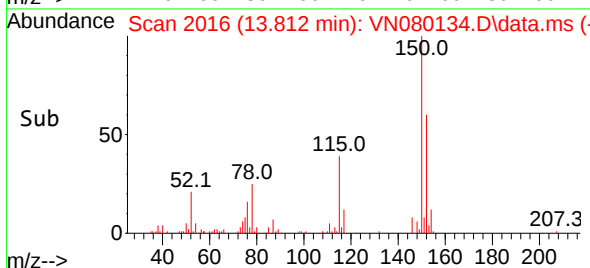
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

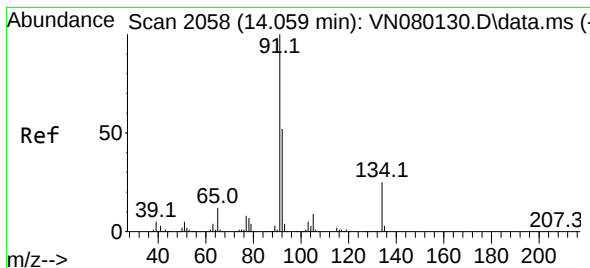


#88
1,4-Dichlorobenzene
Concen: 1.120 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33



Tgt Ion:146 Resp: 5769
Ion Ratio Lower Upper
146 100
111 45.7 20.6 61.8
148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 0.939 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

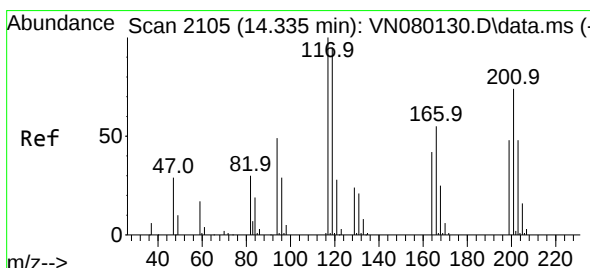
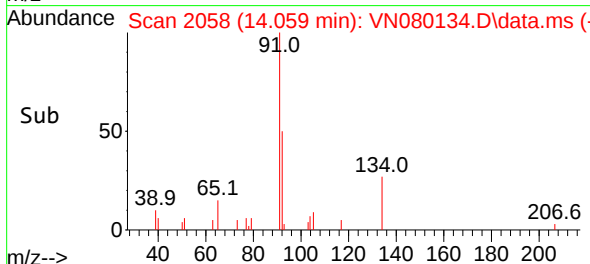
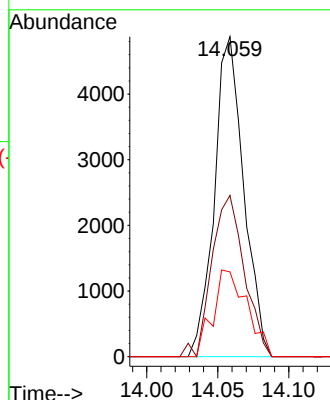
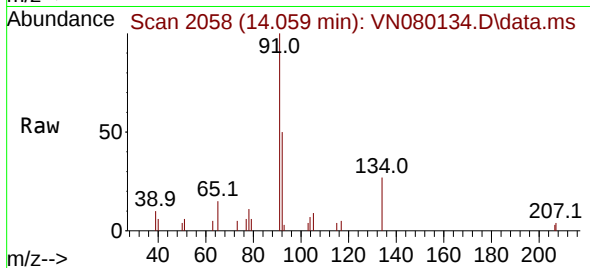
Tgt Ion:	91	Resp:	7000
Ion	Ratio	Lower	Upper
91	100		
92	56.0	26.4	79.0
134	31.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 1.111 ug/l

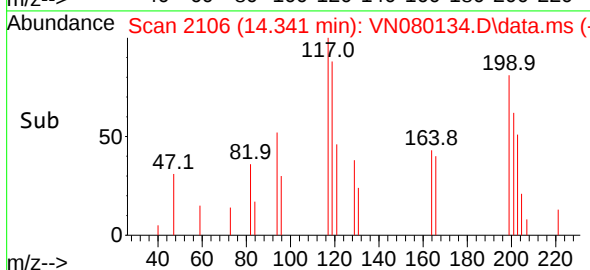
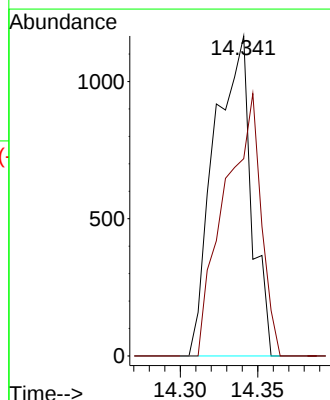
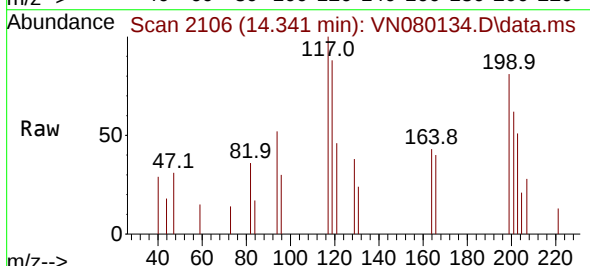
RT: 14.341 min Scan# 2106

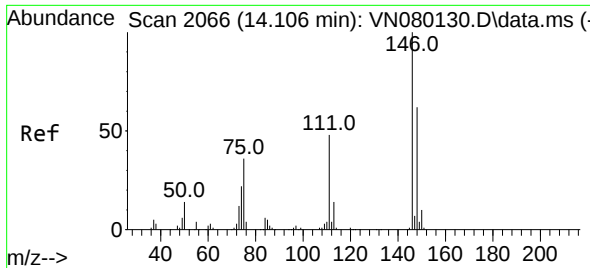
Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion:	117	Resp:	1929
Ion	Ratio	Lower	Upper
117	100		
201	80.1	29.3	88.0





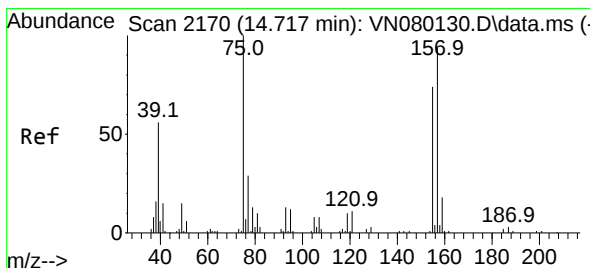
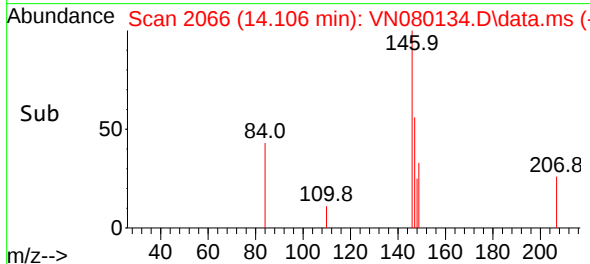
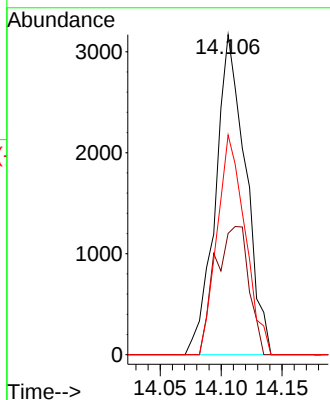
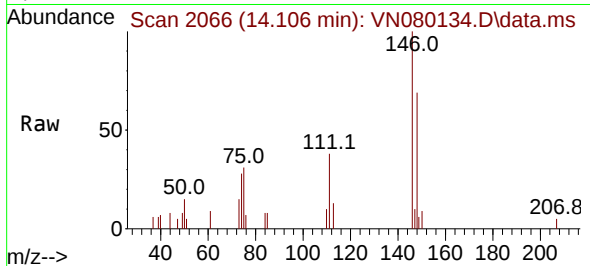
#91
1,2-Dichlorobenzene
Concen: 1.113 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 546
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 63.8 31.8 95.3

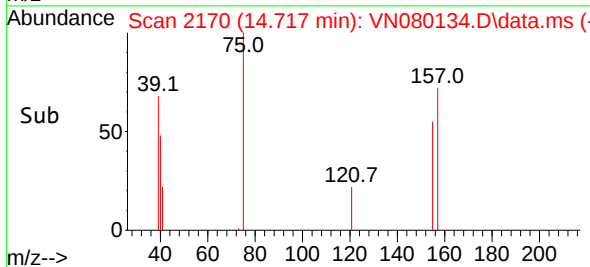
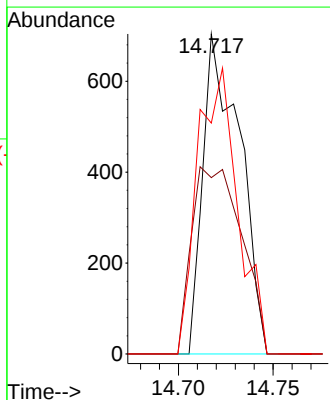
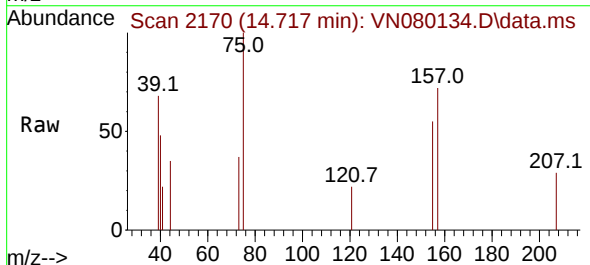
Manual Integrations
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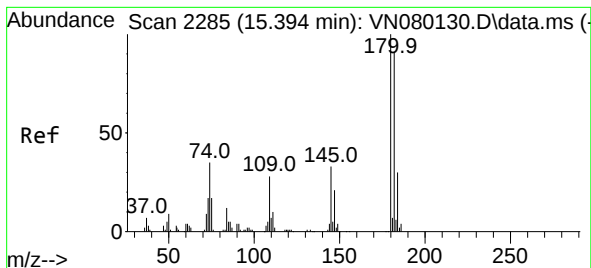
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.213 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080134.D
Acq: 16 Nov 2023 13:33

Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
155 79.5 39.1 117.2
157 97.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.264 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

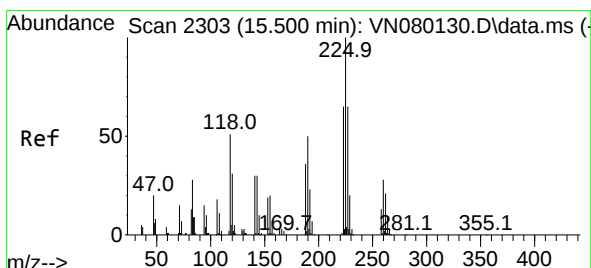
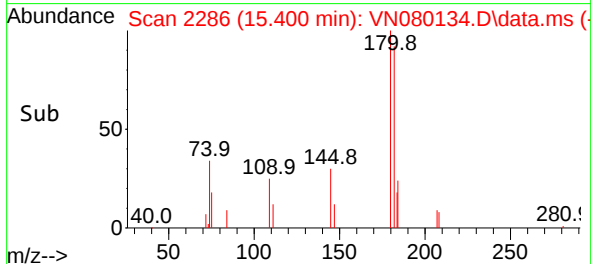
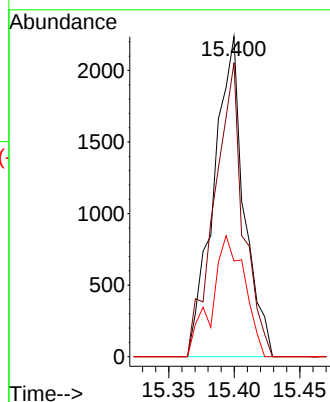
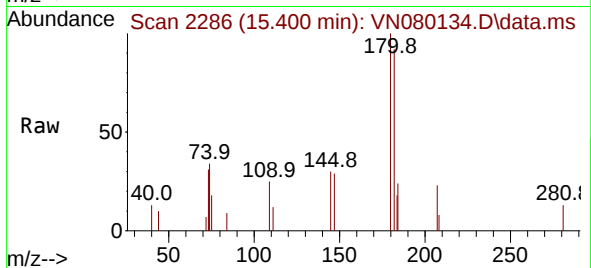
Tgt Ion:	180	Resp:	360
Ion Ratio	Lower	Upper	
180	100		
182	87.0	46.1	138.2
145	40.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 1.369 ug/l

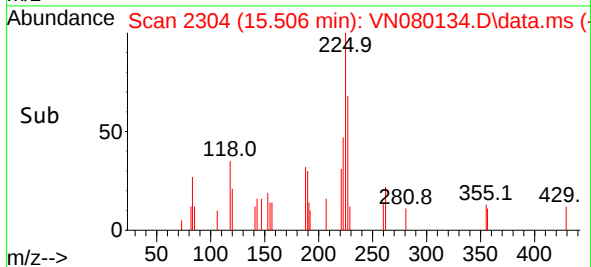
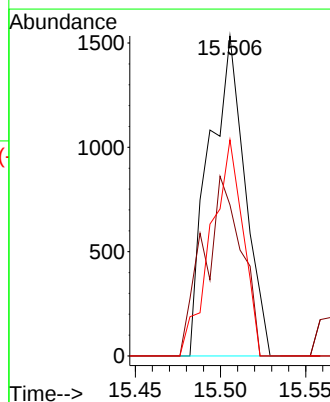
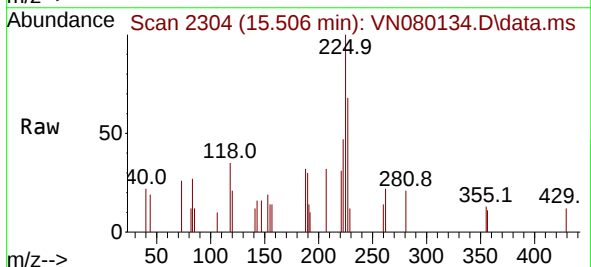
RT: 15.506 min Scan# 2304

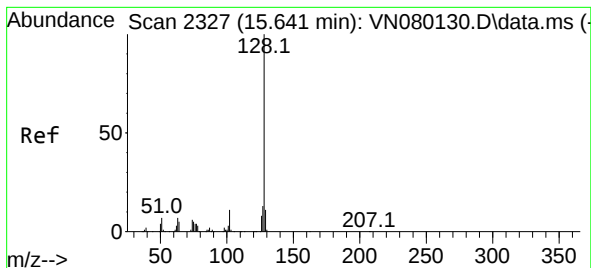
Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion:	225	Resp:	2249
Ion Ratio	Lower	Upper	
225	100		
223	58.9	31.3	93.8
227	60.2	31.9	95.9





#95

Naphthalene

Concen: 1.264 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

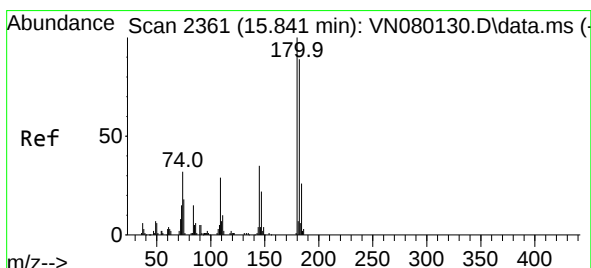
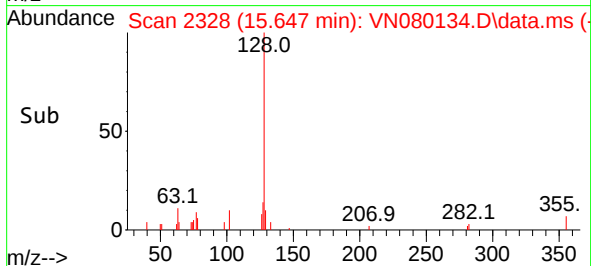
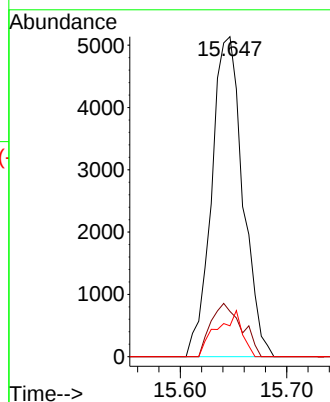
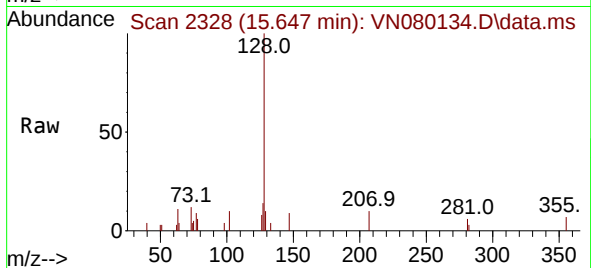
Tgt Ion:	128	Resp:	1046
Ion Ratio	Lower	Upper	
128	100		
127	16.5	10.0	15.0
129	11.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 1.218 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080134.D

Acq: 16 Nov 2023 13:33

Tgt Ion:	180	Resp:	3257
Ion Ratio	Lower	Upper	
180	100		
182	84.2	46.2	138.6
145	38.9	17.5	52.6

