

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080431.D
 Acq On : 12 Dec 2023 10:33
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 01:27:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	321567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	498270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	455178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	224121	54.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	8.165	113	173692	54.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.960%			
50) Toluene-d8	10.565	98	655324	55.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.240%			
62) 4-Bromofluorobenzene	12.847	95	256493	57.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	201170	48.954	ug/l	98
3) Chloromethane	2.359	50	217713	50.045	ug/l	99
4) Vinyl Chloride	2.512	62	173838	49.534	ug/l	98
5) Bromomethane	2.953	94	73860	46.681	ug/l	100
6) Chloroethane	3.124	64	105360	46.691	ug/l	99
7) Trichlorofluoromethane	3.500	101	344800	48.441	ug/l	99
8) Diethyl Ether	3.959	74	108643	48.458	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	170915	50.660	ug/l	96
10) Methyl Iodide	4.583	142	157805	53.177	ug/l	96
11) Tert butyl alcohol	5.512	59	122056	252.334	ug/l	100
12) 1,1-Dichloroethene	4.336	96	165285	47.813	ug/l	88
13) Acrolein	4.177	56	120725	227.900	ug/l	97
14) Allyl chloride	5.018	41	208176	48.673	ug/l	96
15) Acrylonitrile	5.712	53	344171	251.818	ug/l	100
16) Acetone	4.418	43	216810	297.716	ug/l	97
17) Carbon Disulfide	4.712	76	467677	47.737	ug/l	98
18) Methyl Acetate	5.012	43	234383	50.019	ug/l	95
19) Methyl tert-butyl Ether	5.788	73	576411	49.978	ug/l	99
20) Methylene Chloride	5.277	84	186734	47.914	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	180686	48.204	ug/l	87
22) Diisopropyl ether	6.665	45	463605	50.222	ug/l	96
23) Vinyl Acetate	6.600	43	1331587	251.157	ug/l	94
24) 1,1-Dichloroethane	6.565	63	319175	49.557	ug/l	98
25) 2-Butanone	7.477	43	367186	261.733	ug/l	93
26) 2,2-Dichloropropane	7.488	77	325233	49.384	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	210156	49.532	ug/l	91
28) Bromochloromethane	7.812	49	123467	49.929	ug/l	99
29) Tetrahydrofuran	7.835	42	248151	247.017	ug/l	94
30) Chloroform	7.965	83	357121	49.953	ug/l	96
31) Cyclohexane	8.253	56	257750	46.148	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	349486	49.929	ug/l	98
36) 1,1-Dichloropropene	8.371	75	262464	50.811	ug/l	96
37) Ethyl Acetate	7.553	43	160838	49.723	ug/l	97
38) Carbon Tetrachloride	8.359	117	313951	50.865	ug/l	97
39) Methylcyclohexane	9.600	83	276218	51.474	ug/l	89
40) Benzene	8.606	78	744929	49.941	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94552	50.703	ug/l	95
42) 1,2-Dichloroethane	8.671	62	277811	50.295	ug/l	98
43) Isopropyl Acetate	8.688	43	297665	51.180	ug/l	97
44) Trichloroethene	9.353	130	202548	50.370	ug/l	98
45) 1,2-Dichloropropane	9.623	63	176038	50.248	ug/l	94
46) Dibromomethane	9.712	93	126465	50.266	ug/l	91
47) Bromodichloromethane	9.888	83	279466	51.829	ug/l	99
48) Methyl methacrylate	9.682	41	178385	51.396	ug/l	89
49) 1,4-Dioxane	9.688	88	52347	995.053	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	819546	255.857	ug/l	99
52) Toluene	10.629	92	479165	50.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	304437	52.184	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	324417	52.026	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	175618	51.795	ug/l	98
56) Ethyl methacrylate	10.870	69	198472	52.871	ug/l #	91
57) 1,3-Dichloropropane	11.159	76	302124	50.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	715856	302.069	ug/l	99
59) 2-Hexanone	11.194	43	603065	255.027	ug/l	99
60) Dibromochloromethane	11.359	129	209896	52.242	ug/l	98
61) 1,2-Dibromoethane	11.470	107	176706	50.355	ug/l	99
64) Tetrachloroethene	11.100	164	174568	49.672	ug/l	97
65) Chlorobenzene	11.894	112	502468	49.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	200448	50.451	ug/l	95
67) Ethyl Benzene	11.964	91	935450	50.244	ug/l	97
68) m/p-Xylenes	12.070	106	698524	101.531	ug/l	90
69) o-Xylene	12.400	106	341019	50.677	ug/l	90
70) Styrene	12.412	104	507413	52.348	ug/l	93
71) Bromoform	12.576	173	150930	52.092	ug/l #	98
73) Isopropylbenzene	12.694	105	894747	50.669	ug/l	98
74) N-amyl acetate	12.494	43	263019	51.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	229867	48.579	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	215787m	45.044	ug/l	
77) Bromobenzene	12.982	156	220578	50.778	ug/l	96
78) n-propylbenzene	13.035	91	1021935	52.489	ug/l	100
79) 2-Chlorotoluene	13.123	91	657350	51.715	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	791367	52.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	84532	50.612	ug/l #	80
82) 4-Chlorotoluene	13.223	91	665373	50.927	ug/l	97
83) tert-Butylbenzene	13.441	119	650947	52.263	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	805060	53.210	ug/l	98
85) sec-Butylbenzene	13.617	105	839256	52.675	ug/l	99
86) p-Isopropyltoluene	13.729	119	780072	54.224	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	381727	49.875	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	379739	49.152	ug/l	98
89) n-Butylbenzene	14.058	91	642491	53.479	ug/l	98
90) Hexachloroethane	14.335	117	116168	50.846	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	340969	46.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46267	46.486	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	198978	49.311	ug/l	97
94) Hexachlorobutadiene	15.500	225	105469	45.912	ug/l	100
95) Naphthalene	15.641	128	604643	49.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	193503	49.694	ug/l	97

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

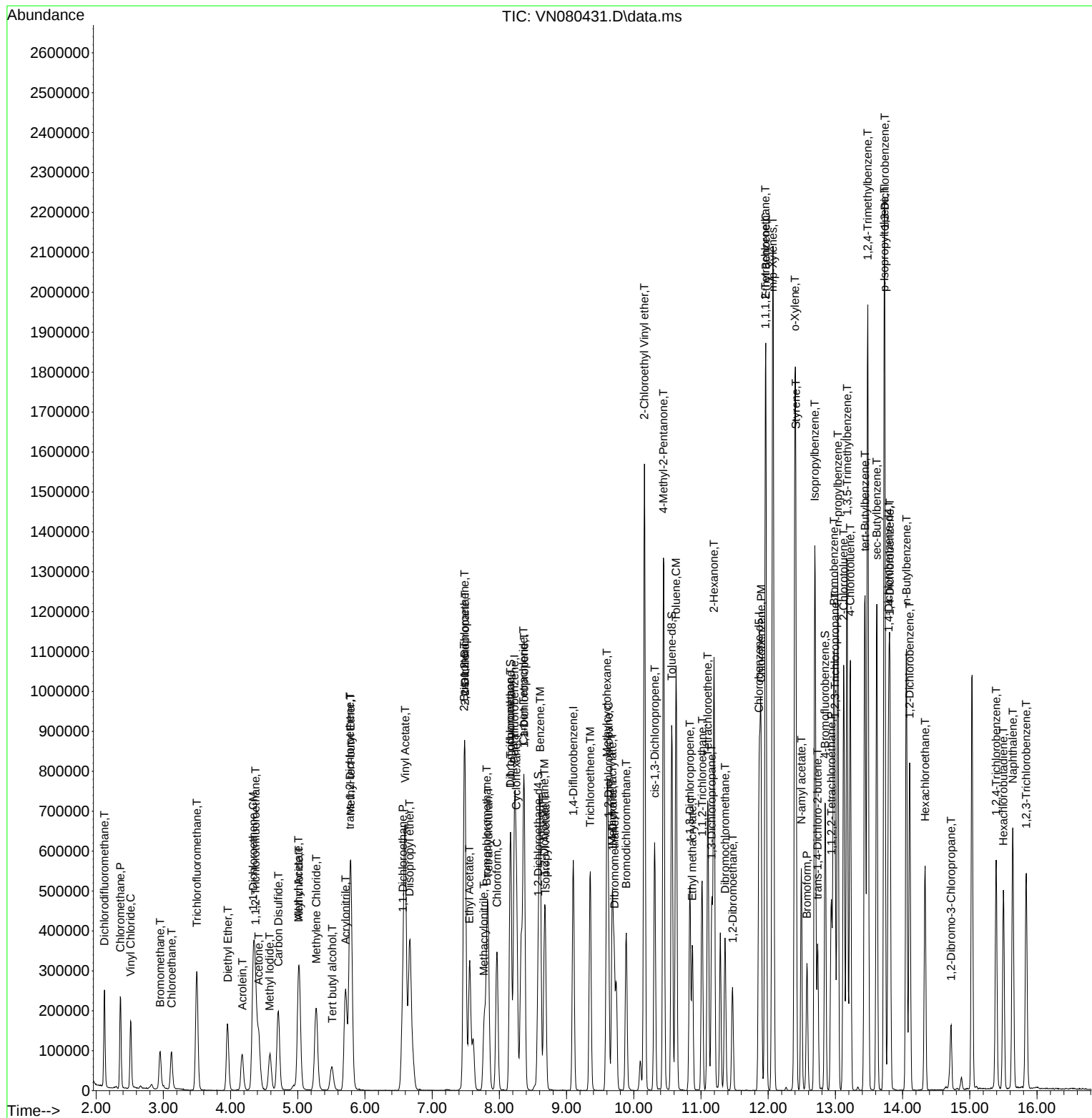
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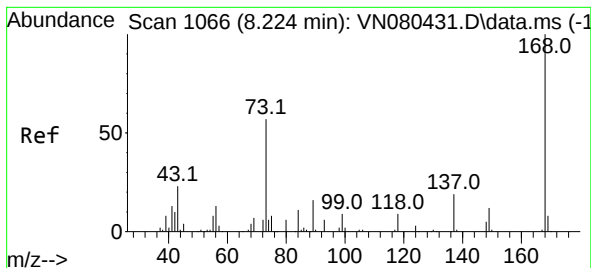
Instrument :
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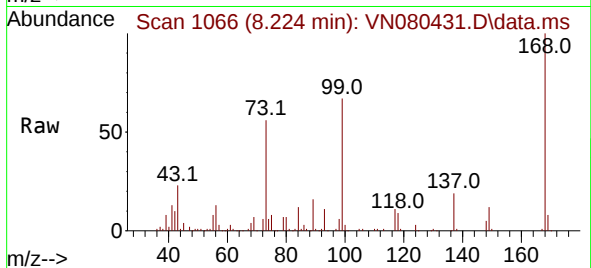
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080431.D
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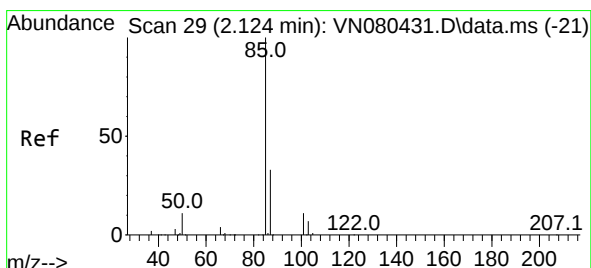
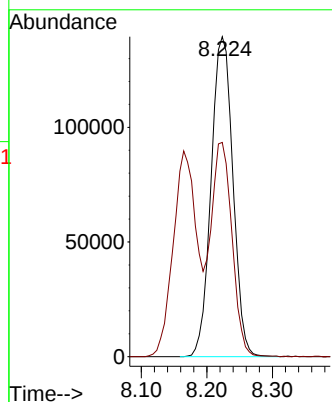
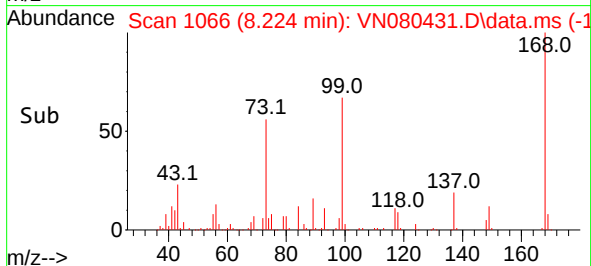
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



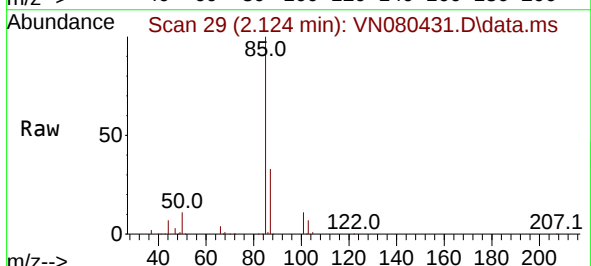
Tgt Ion:168 Resp: 32156
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6

Manual Integrations
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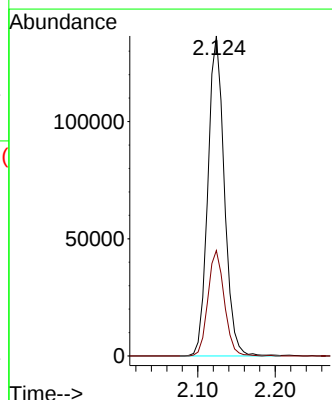
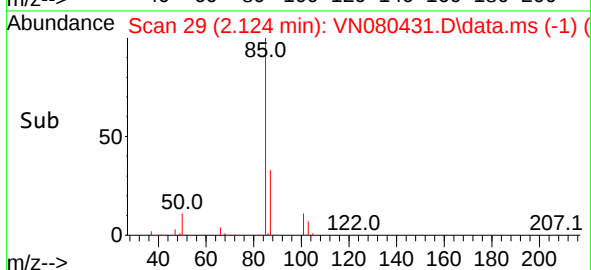
Reviewed By :John Carlone 12/13/2023
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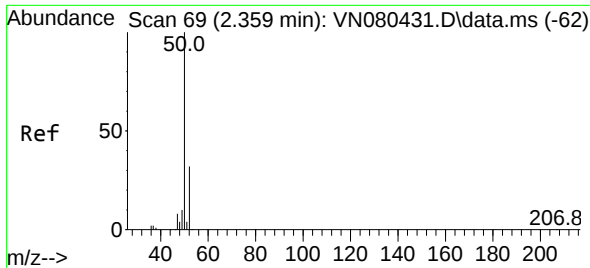


#2
Dichlorodifluoromethane
Concen: 48.954 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



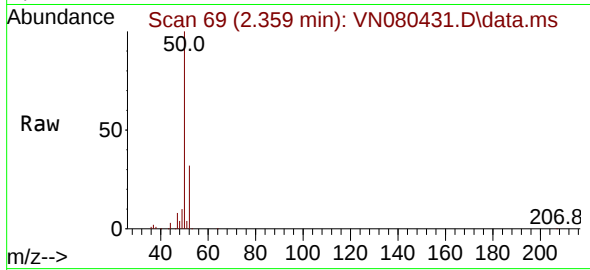
Tgt Ion: 85 Resp: 201170
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 50.045 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

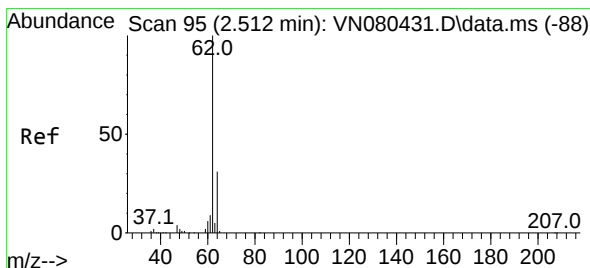
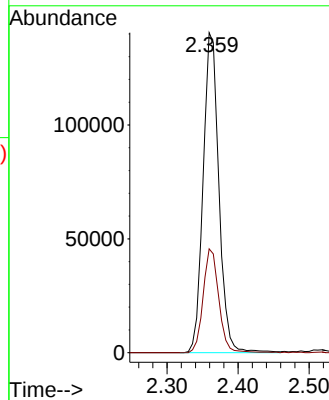
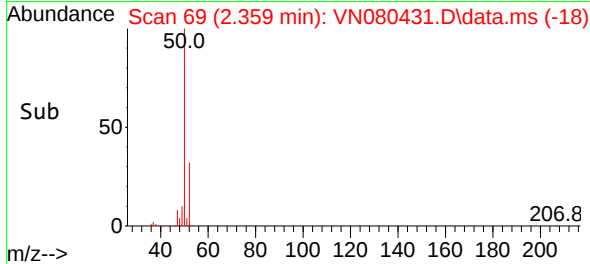
Instrument :
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ClientSampleId :
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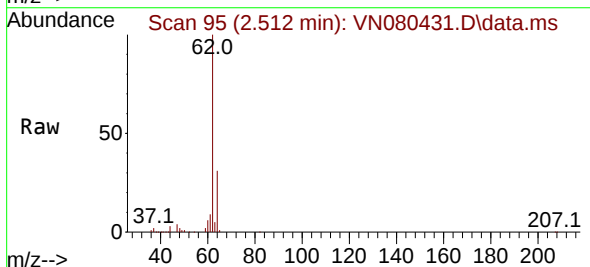
Tgt Ion: 50 Resp: 21771
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

Manual Integrations
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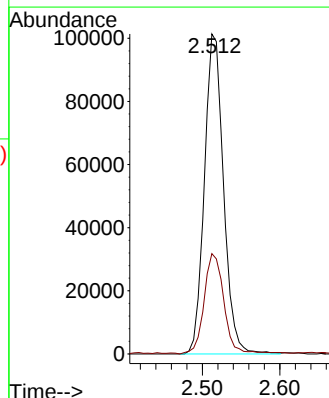
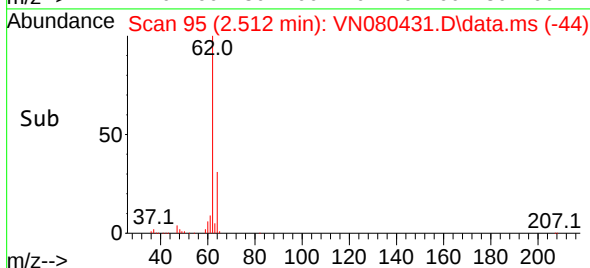
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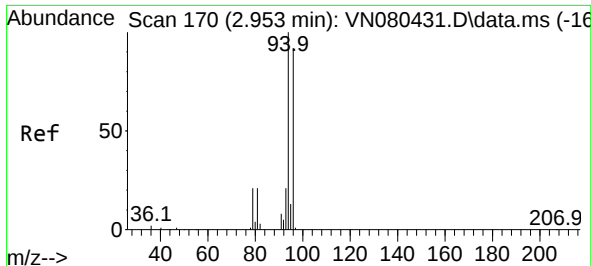


#4
Vinyl Chloride
Concen: 49.534 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



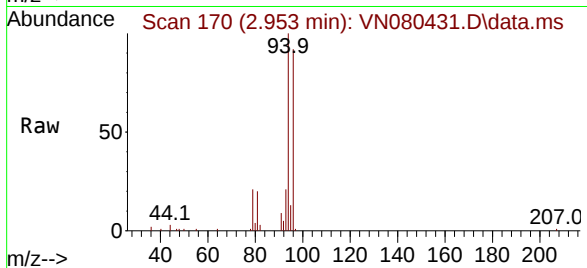
Tgt Ion: 62 Resp: 173838
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 46.681 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

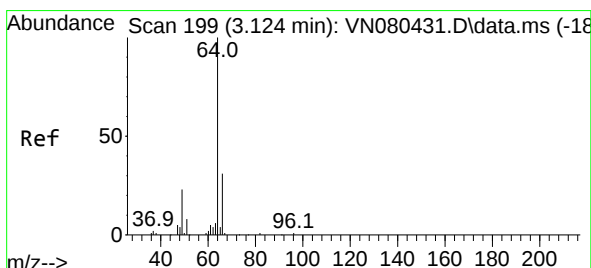
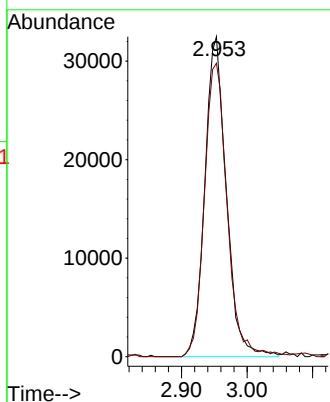
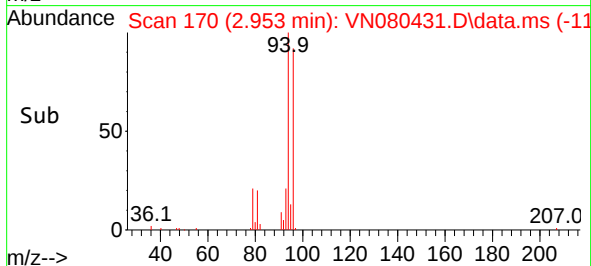
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Tgt Ion: 94 Resp: 73860
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7

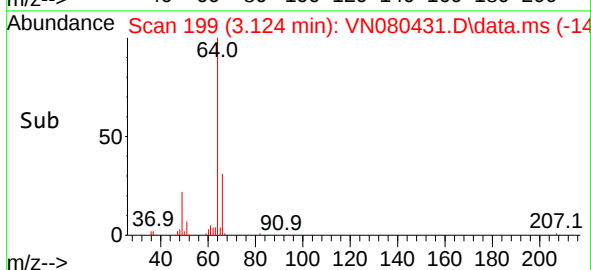
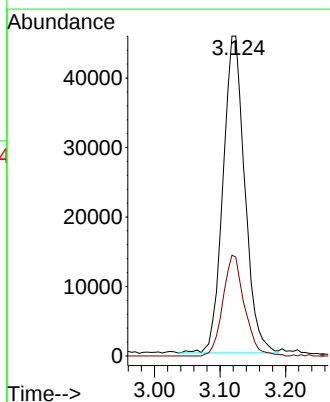
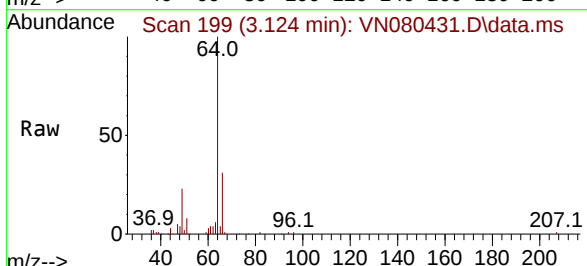
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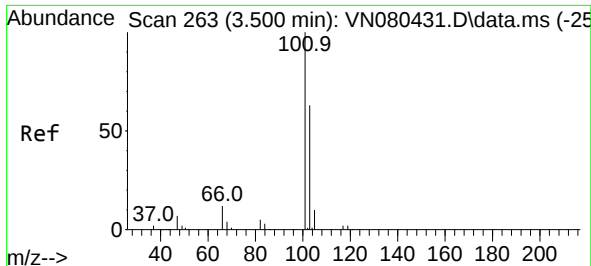
Reviewed By :John Carlone 12/13/2023
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#6
Chloroethane
Concen: 46.691 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

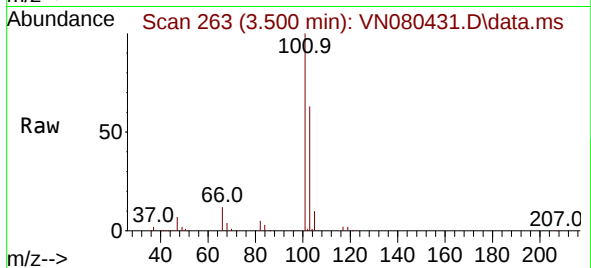
Tgt Ion: 64 Resp: 105360
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.441 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

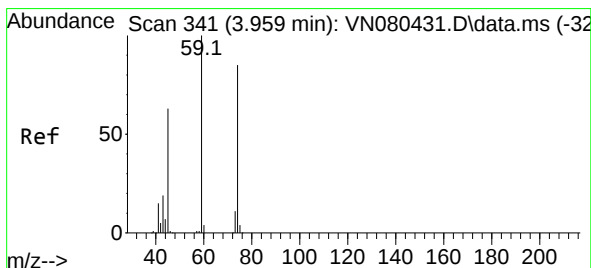
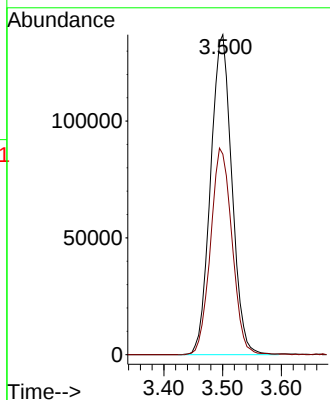
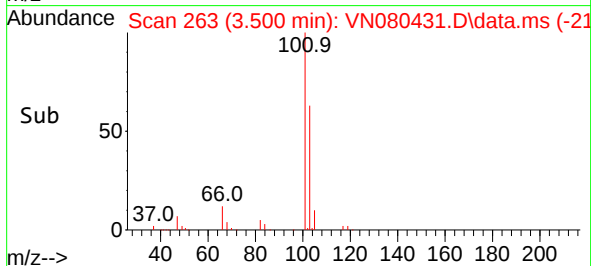
Instrument :
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Tgt Ion:101 Resp: 344800
Ion Ratio Lower Upper
101 100
103 62.6 50.7 76.1

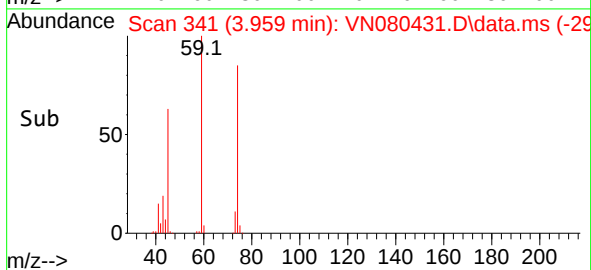
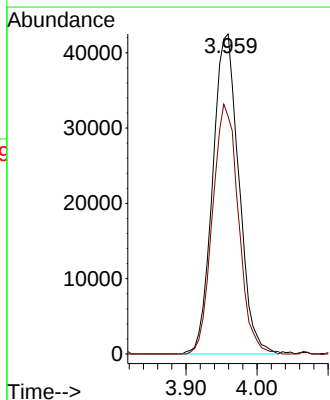
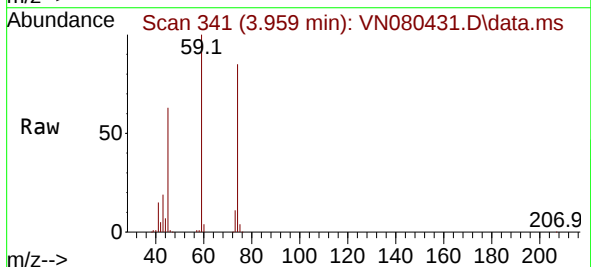
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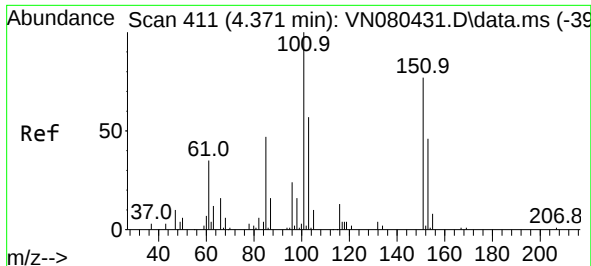
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#8
Diethyl Ether
Concen: 48.458 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion: 74 Resp: 108643
Ion Ratio Lower Upper
74 100
45 77.4 34.4 103.3





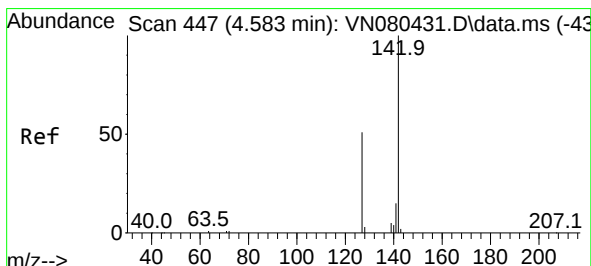
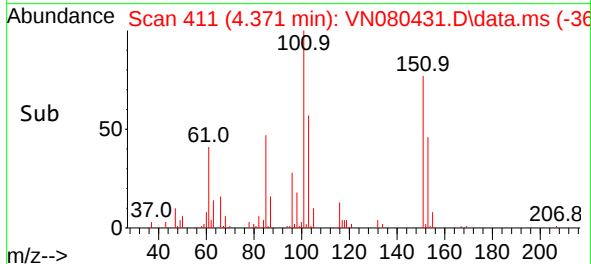
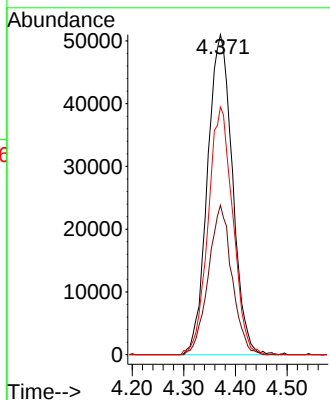
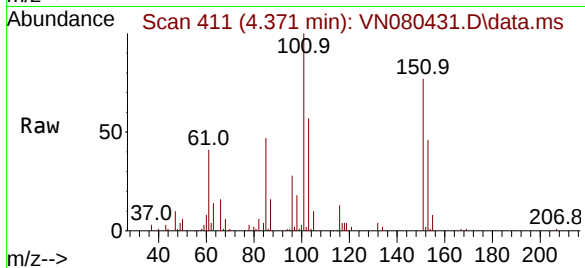
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.660 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 170915
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 76.4 57.6 86.4

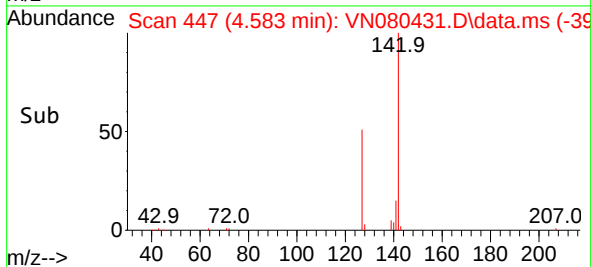
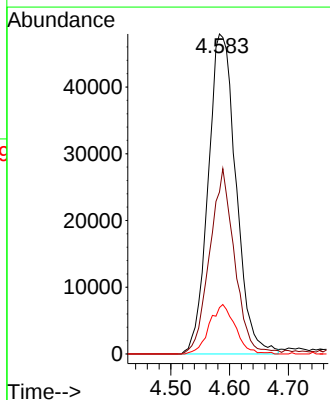
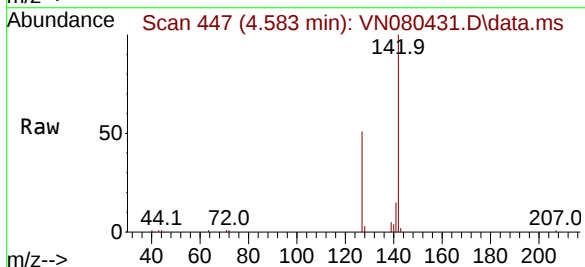
Manual Integrations
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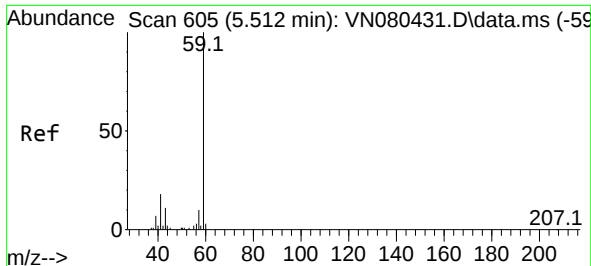
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 53.177 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

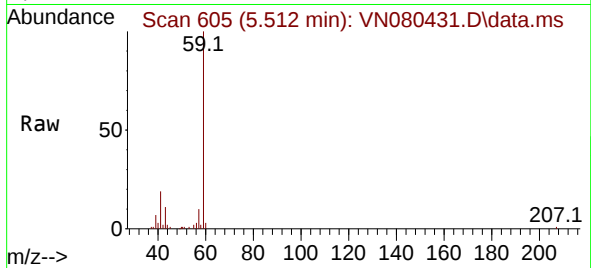
Tgt Ion:142 Resp: 157805
Ion Ratio Lower Upper
142 100
127 50.6 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 252.334 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

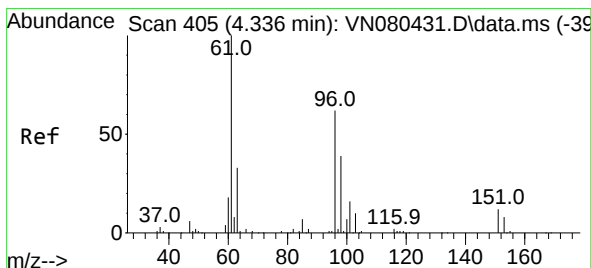
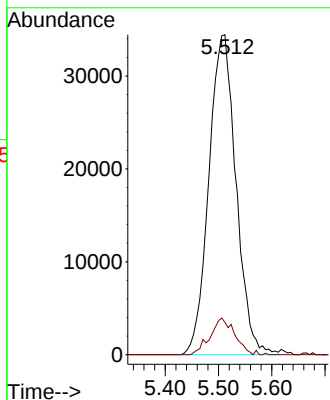
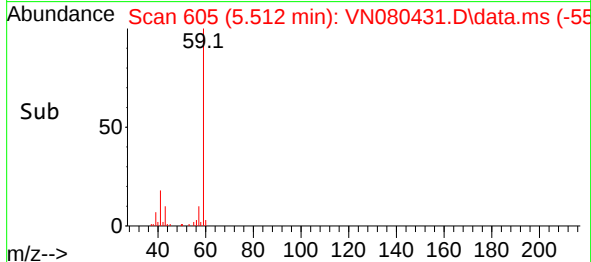
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



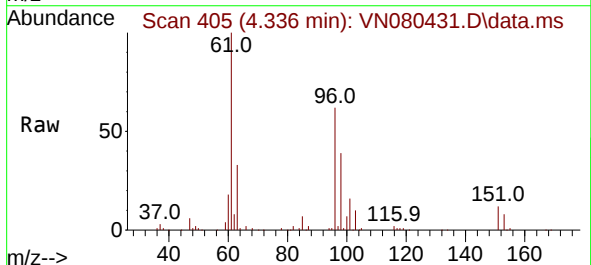
Tgt Ion: 59 Resp: 122050
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

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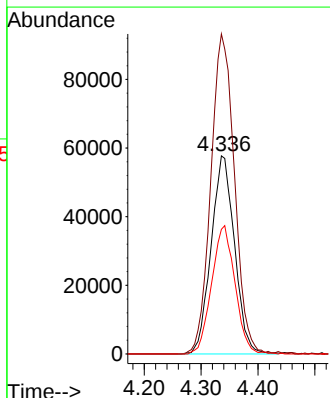
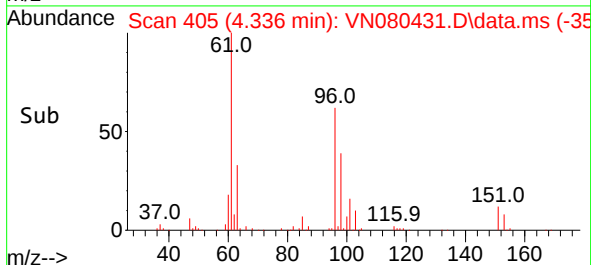
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

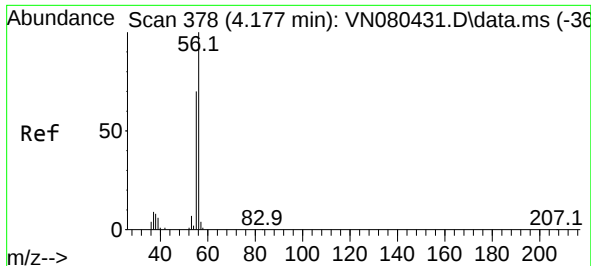


#12
1,1-Dichloroethene
Concen: 47.813 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion: 96 Resp: 165285
Ion Ratio Lower Upper
96 100
61 161.5 112.7 169.1
98 62.9 51.2 76.8





#13

Acrolein

Concen: 227.900 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 120725

Ion Ratio Lower Upper

56 100

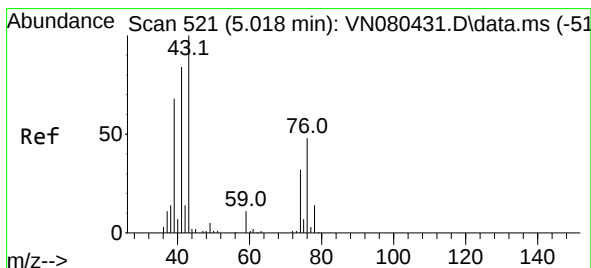
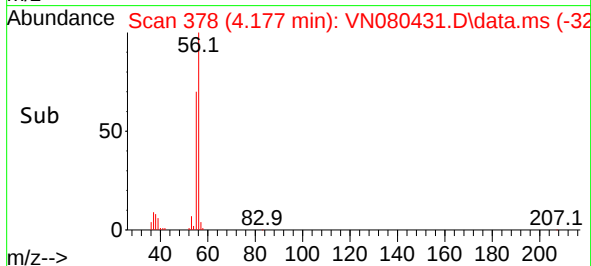
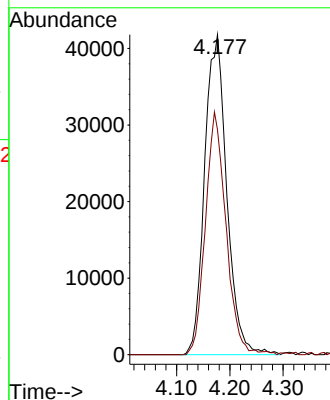
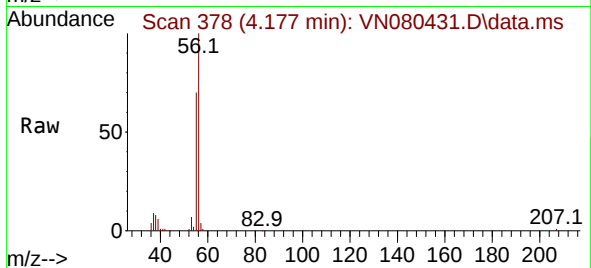
55 70.3 54.5 81.7

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#14

Allyl chloride

Concen: 48.673 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

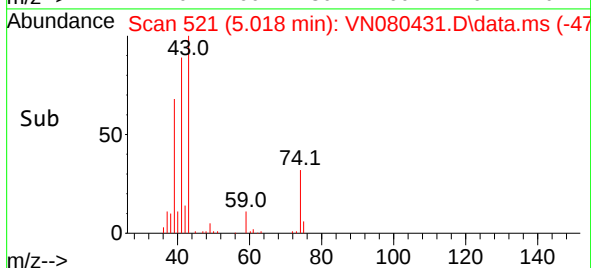
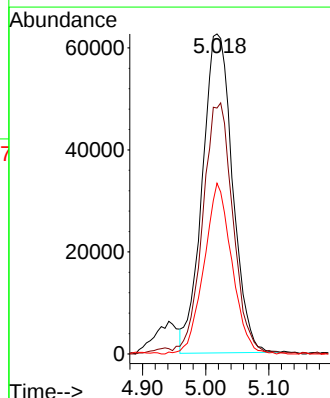
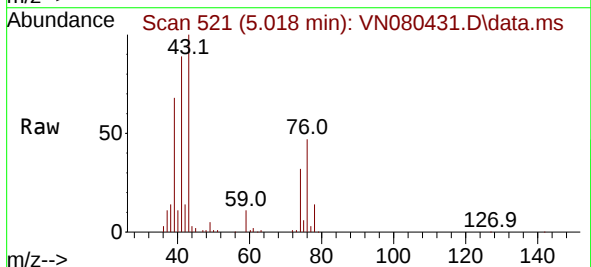
Tgt Ion: 41 Resp: 208176

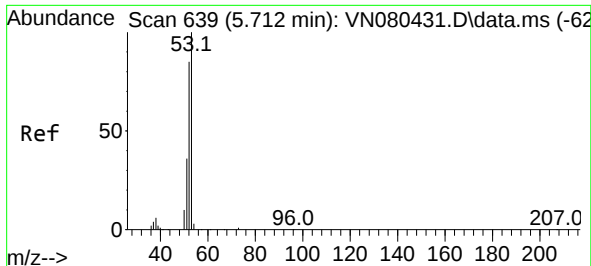
Ion Ratio Lower Upper

41 100

39 78.2 58.8 88.2

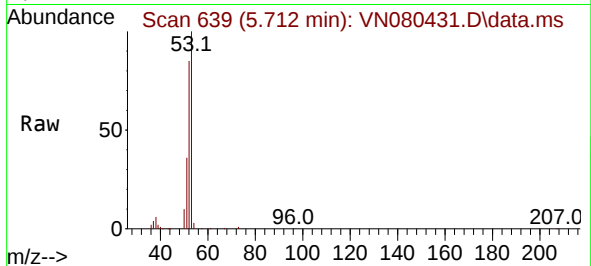
76 49.3 39.1 58.7





#15
Acrylonitrile
Concen: 251.818 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

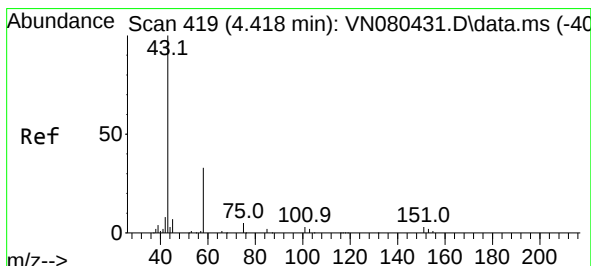
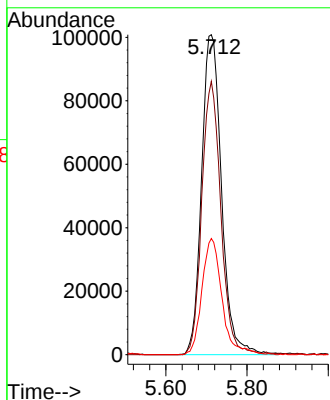
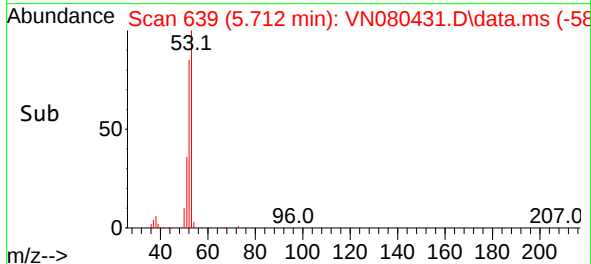
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 34417
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.4 28.9 43.3

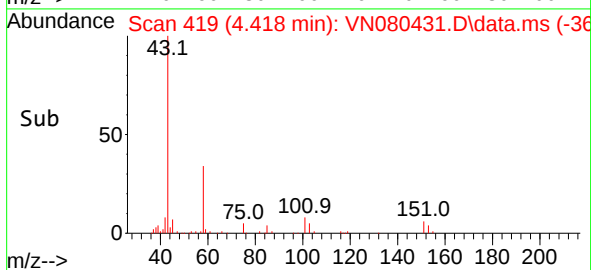
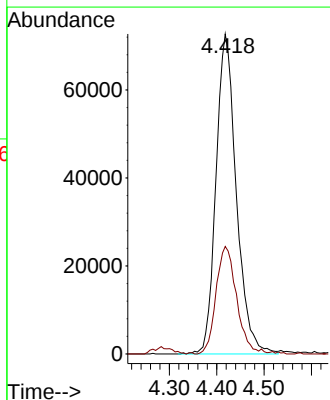
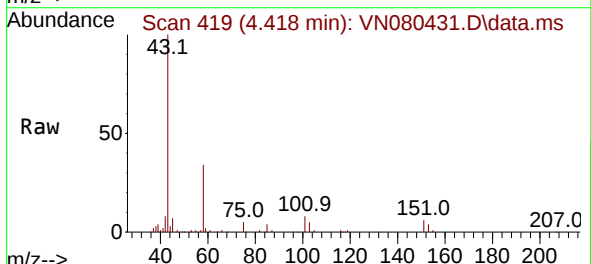
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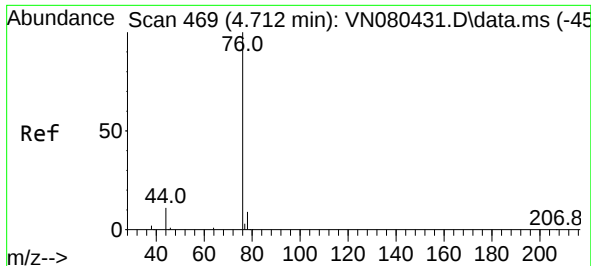
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 297.716 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

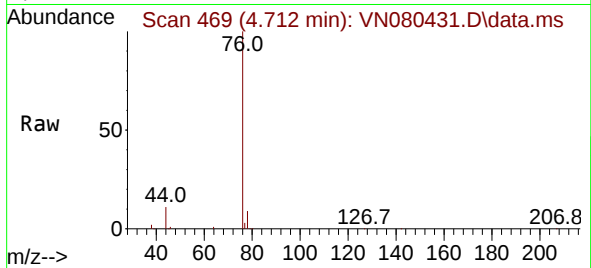
Tgt Ion: 43 Resp: 216810
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 47.737 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

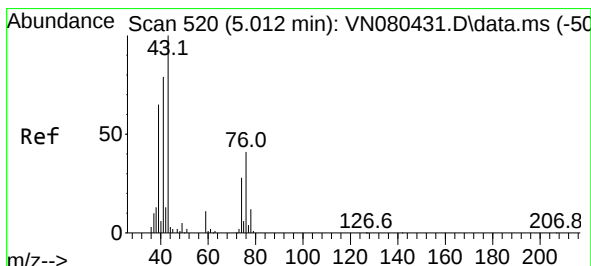
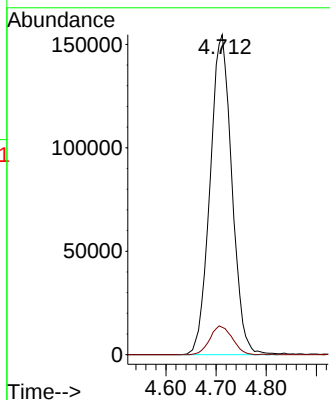
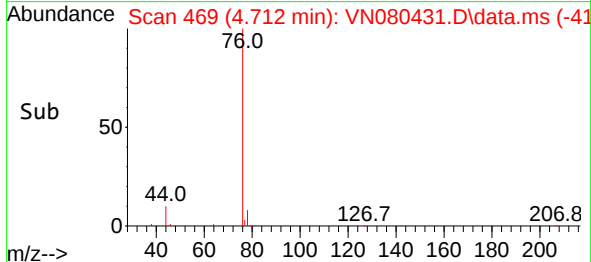
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



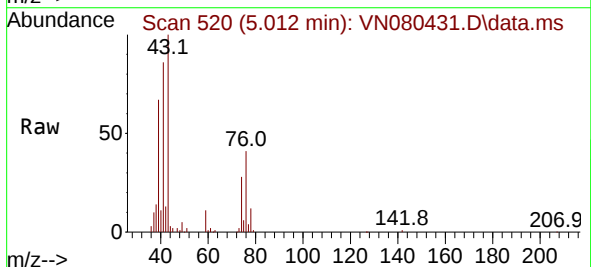
Tgt Ion: 76 Resp: 46767
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

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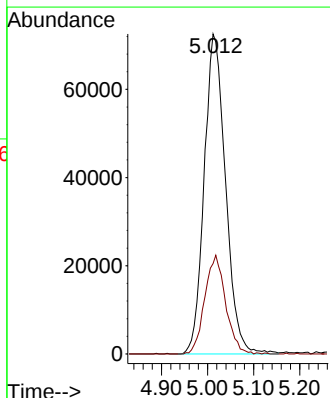
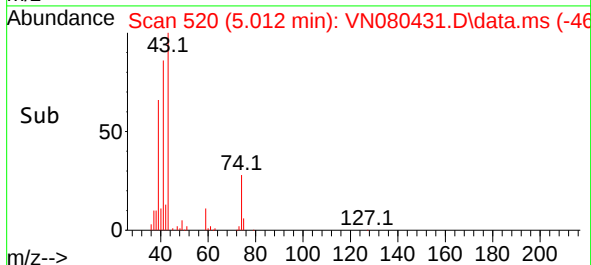
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

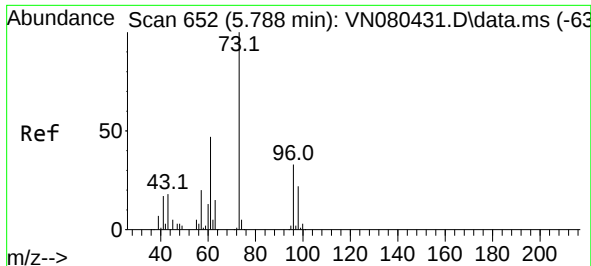


#18
Methyl Acetate
Concen: 50.019 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion: 43 Resp: 234383
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





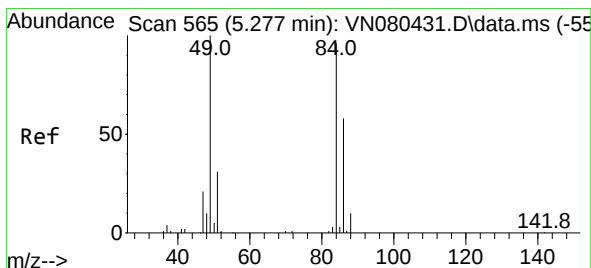
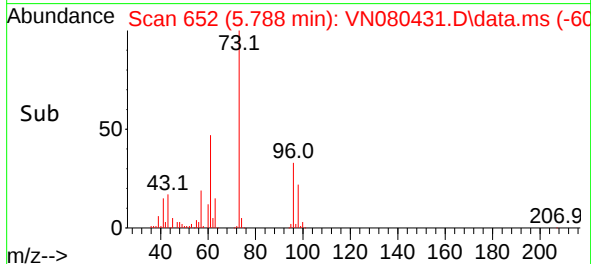
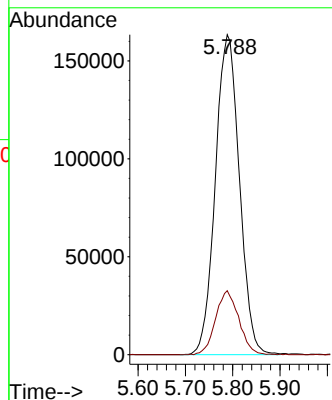
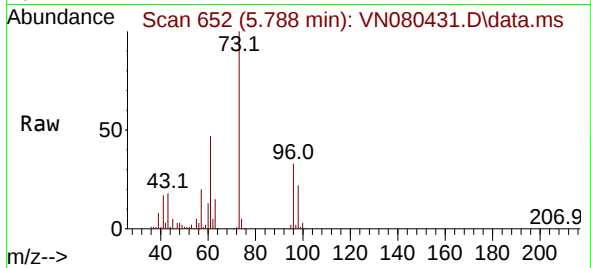
#19
Methyl tert-butyl Ether
Concen: 49.978 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 57641
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

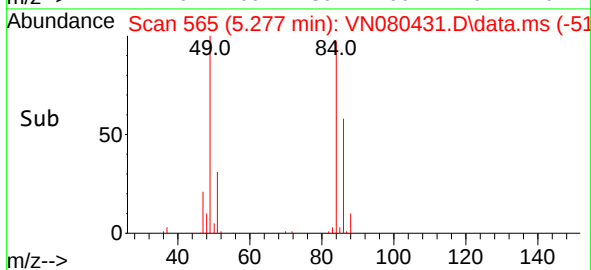
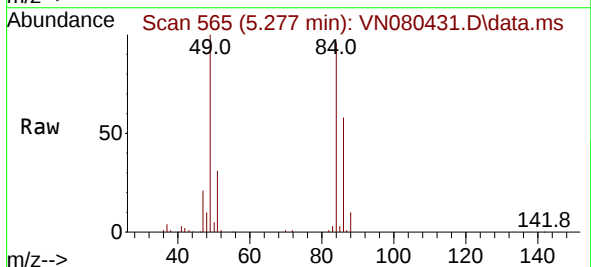
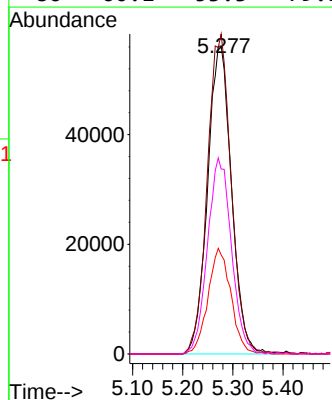
Manual Integrations
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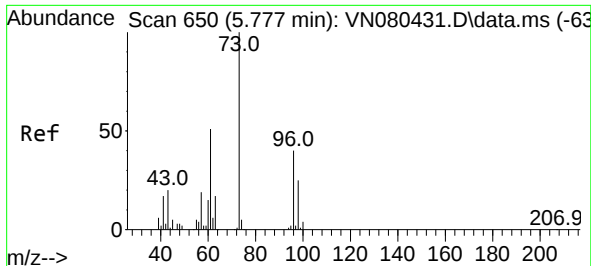
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 47.914 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

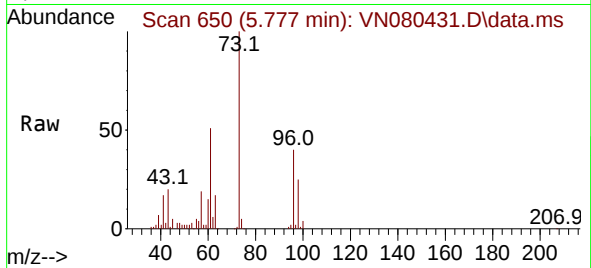
Tgt Ion: 84 Resp: 186734
Ion Ratio Lower Upper
84 100
49 103.9 79.7 119.5
51 32.2 25.2 37.8
86 60.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.204 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

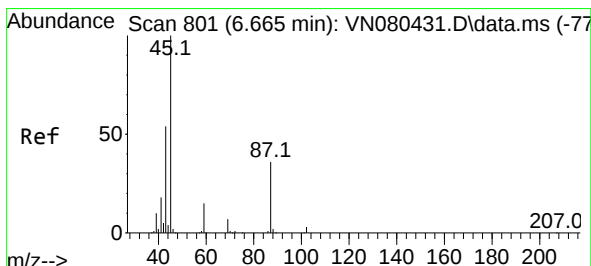
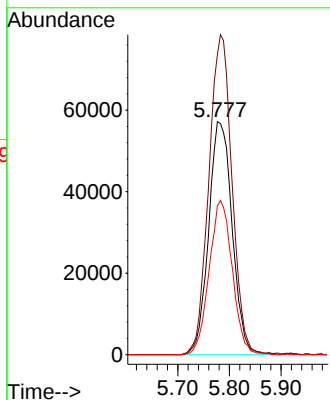
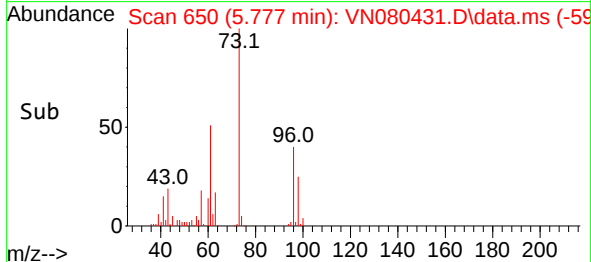
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 180680
Ion Ratio Lower Upper
96 100
61 128.7 90.1 135.1
98 63.9 46.4 69.6

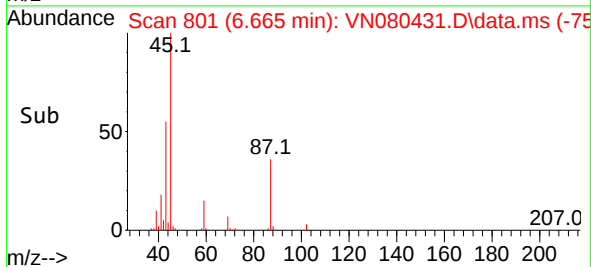
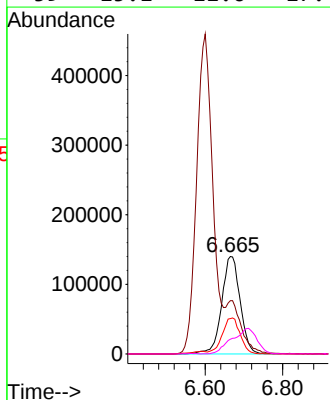
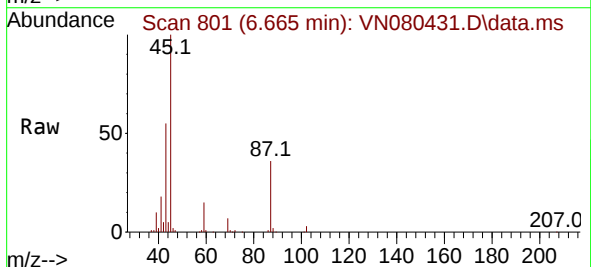
Manual Integrations
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Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 50.222 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

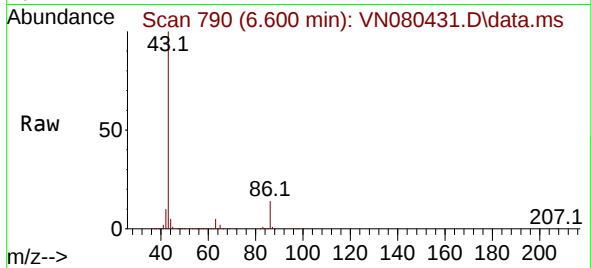
Tgt Ion: 45 Resp: 463605
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 36.2 31.8 47.8
59 15.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 251.157 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33

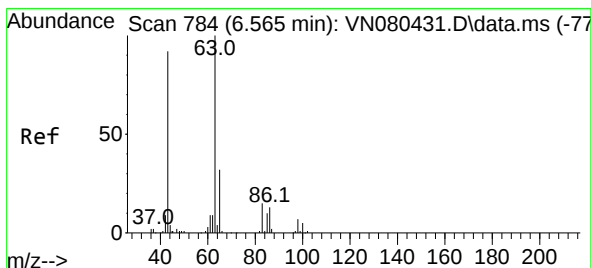
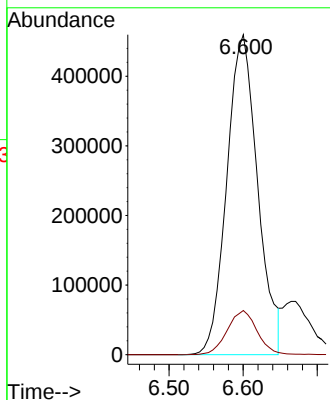
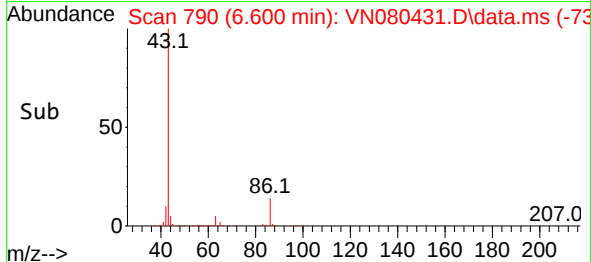
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 133158
 Ion Ratio Lower Upper
 43 100
 86 13.8 13.0 19.6

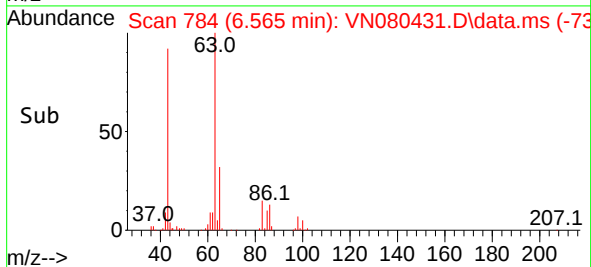
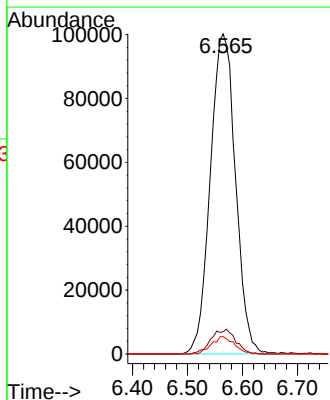
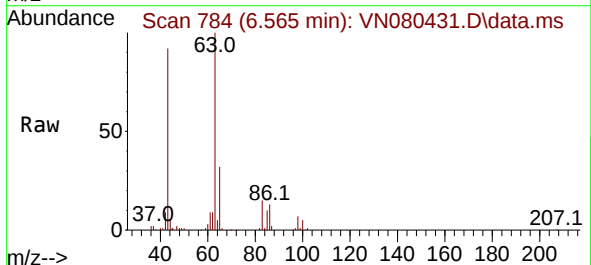
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 49.557 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33

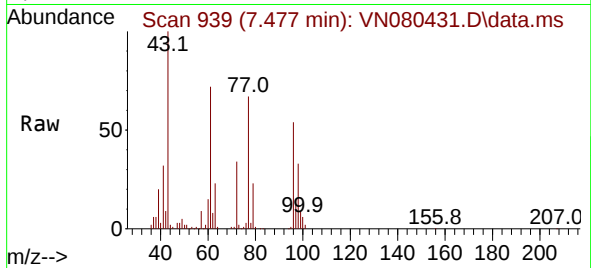
Tgt Ion: 63 Resp: 319175
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 261.733 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

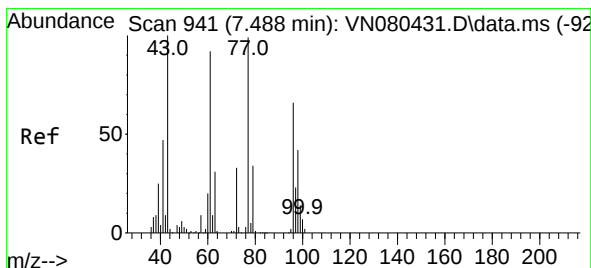
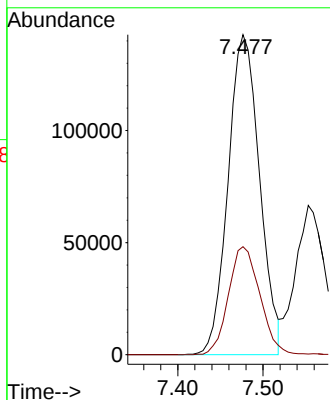
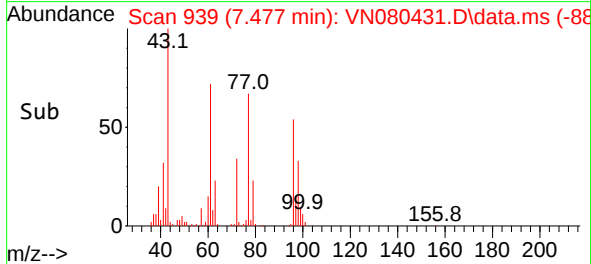
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



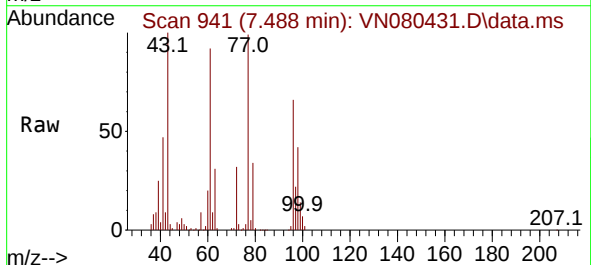
Tgt Ion: 43 Resp: 367180
Ion Ratio Lower Upper
43 100
72 33.7 30.2 45.2

Manual Integrations
APPROVED

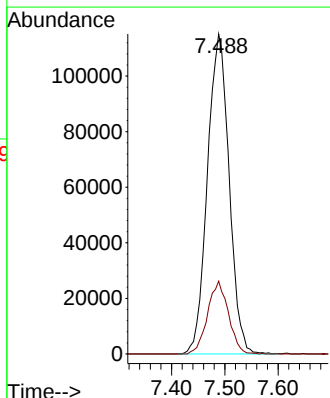
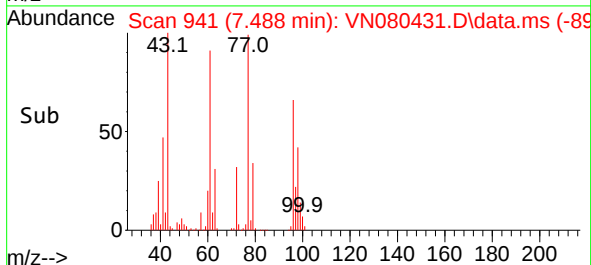
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

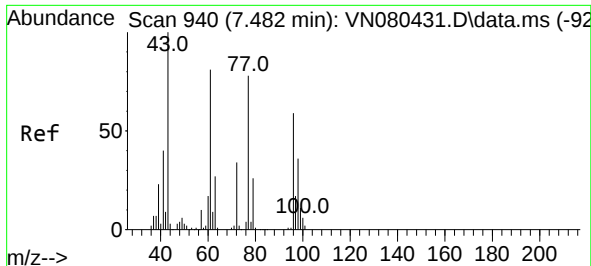


#26
2,2-Dichloropropane
Concen: 49.384 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion: 77 Resp: 325233
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





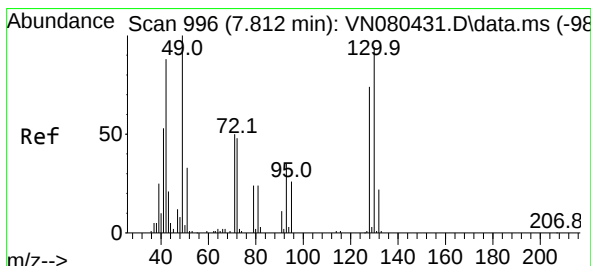
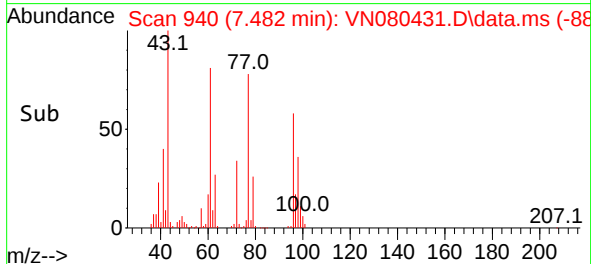
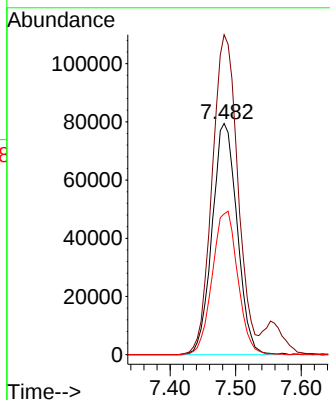
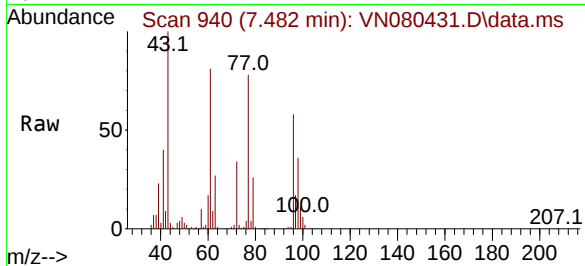
#27
 cis-1,2-Dichloroethene
 Concen: 49.532 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 210150
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 255.2
 98 63.4 0.0 128.8

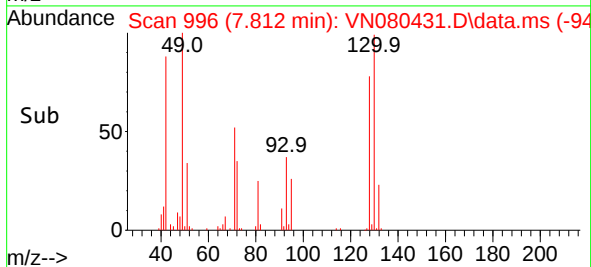
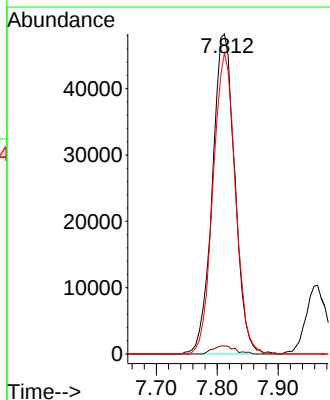
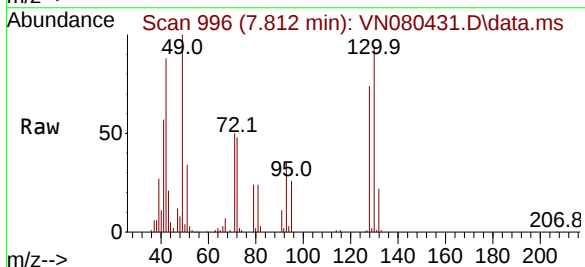
Manual Integrations
 APPROVED

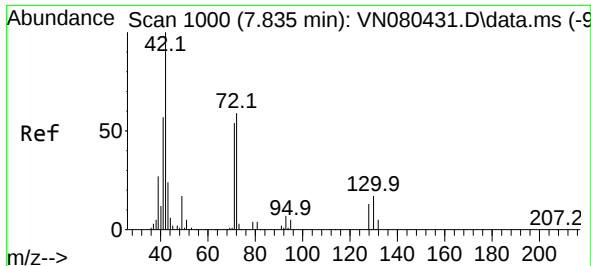
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 49.929 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33

Tgt Ion: 49 Resp: 123467
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 93.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 247.017 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

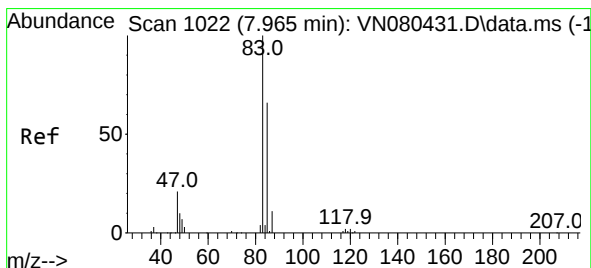
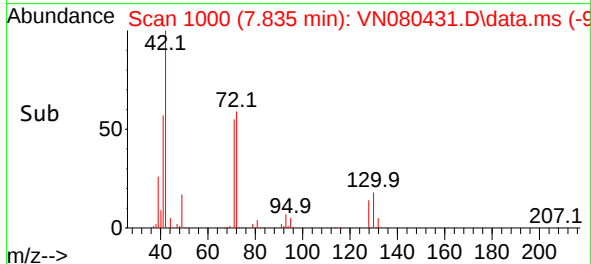
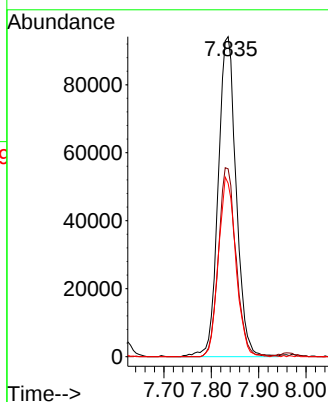
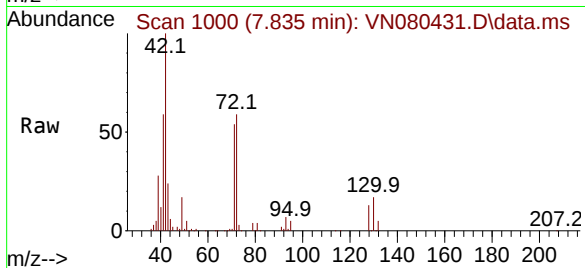
Tgt Ion:	42	Resp:	24815
Ion Ratio	Lower	Upper	
42	100		
72	57.7	49.8	74.6
71	54.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 49.953 ug/l

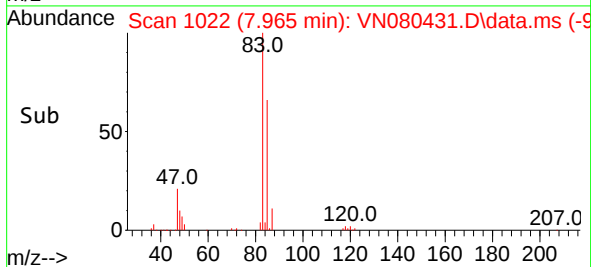
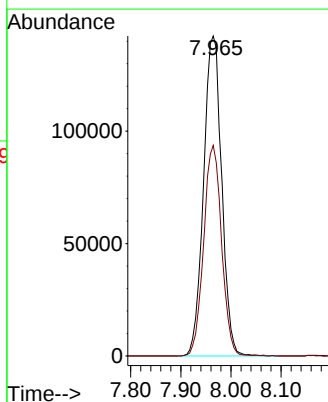
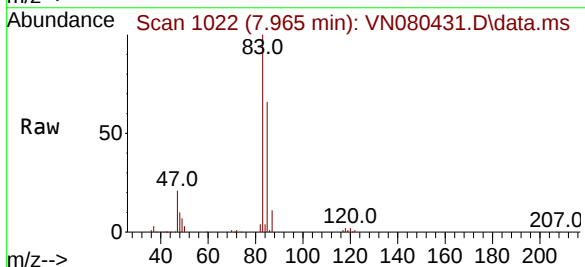
RT: 7.965 min Scan# 1022

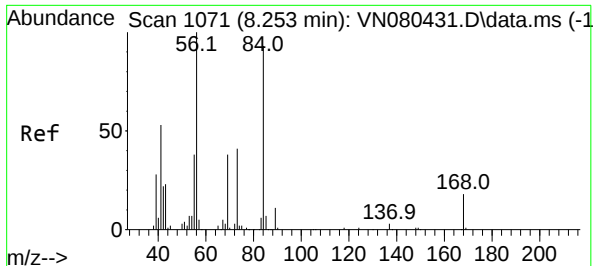
Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

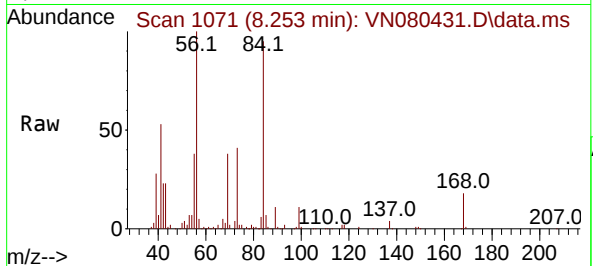
Tgt Ion:	83	Resp:	357121
Ion Ratio	Lower	Upper	
83	100		
85	65.8	55.4	83.0





#31
Cyclohexane
Concen: 46.148 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

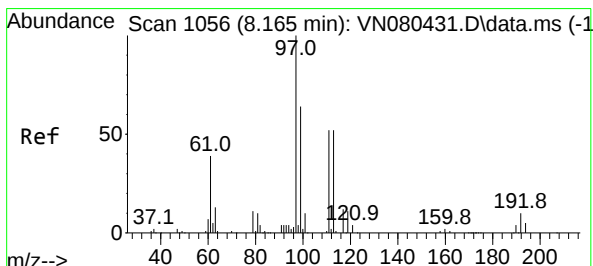
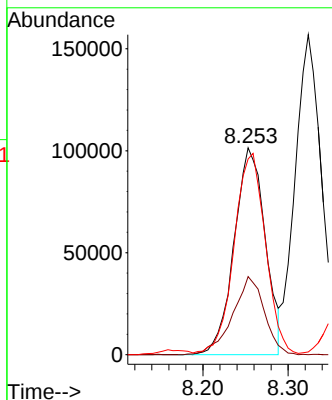
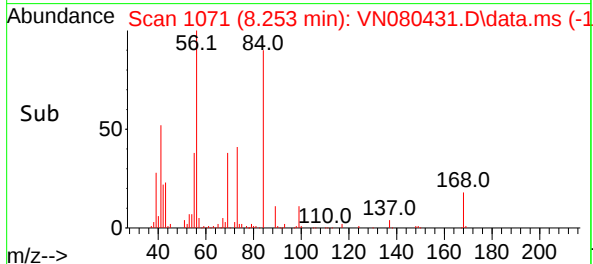
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 257750
Ion Ratio Lower Upper
56 100
69 37.8 26.8 40.2
84 92.6 81.8 122.6

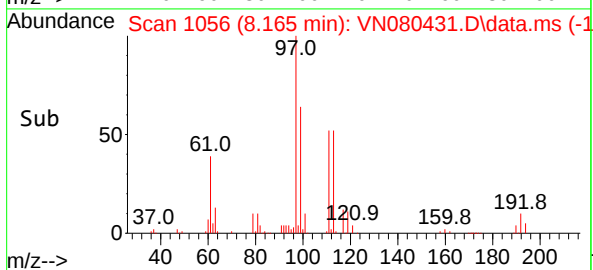
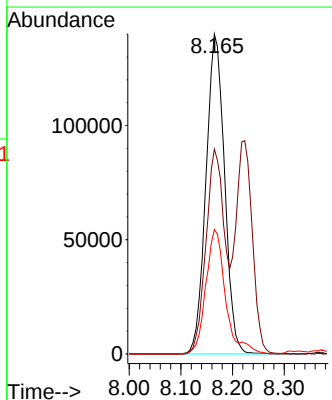
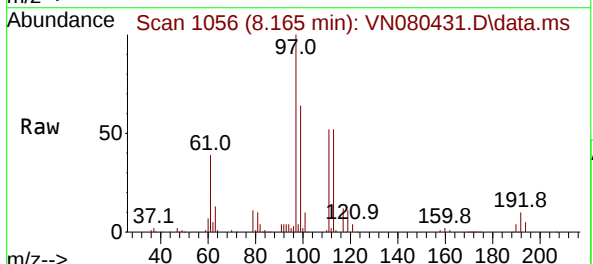
Manual Integrations
APPROVED

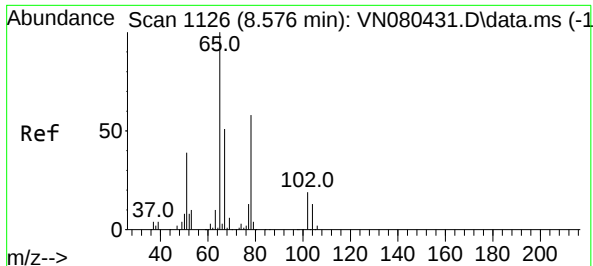
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 49.929 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion: 97 Resp: 349486
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 41.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.569 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 22412

Ion Ratio Lower Upper

65 100

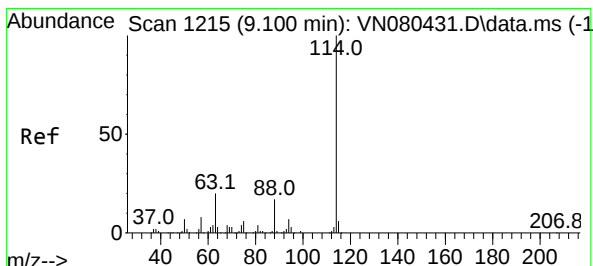
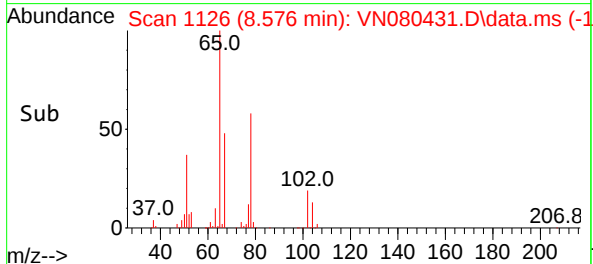
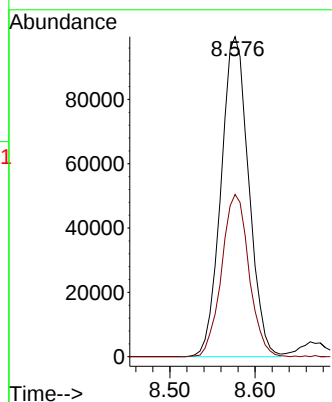
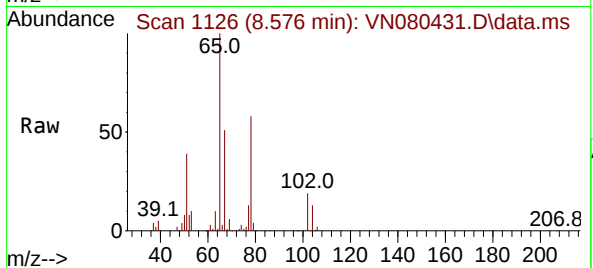
67 50.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

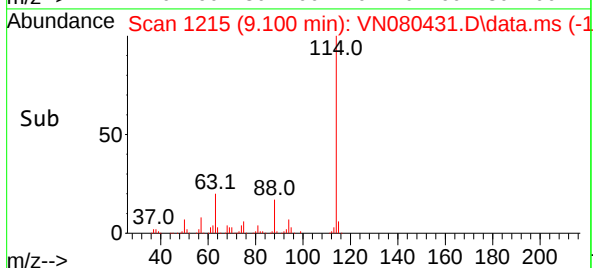
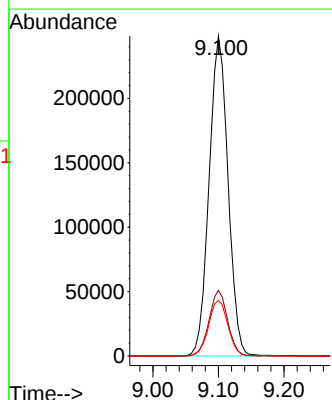
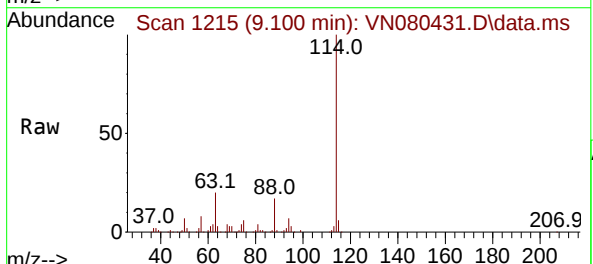
Tgt Ion:114 Resp: 498270

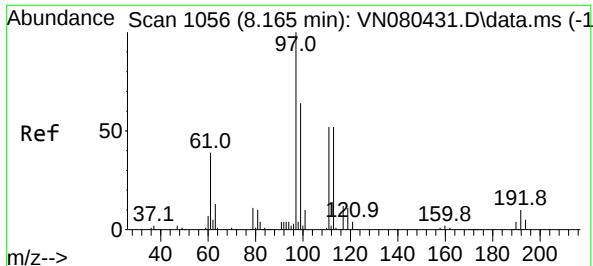
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.979 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 173692

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

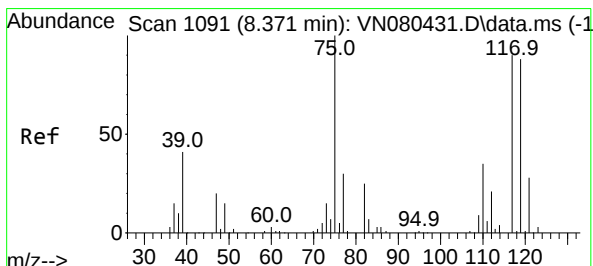
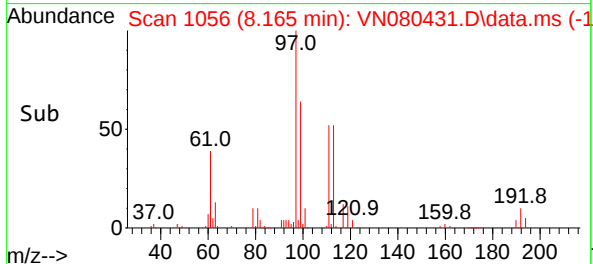
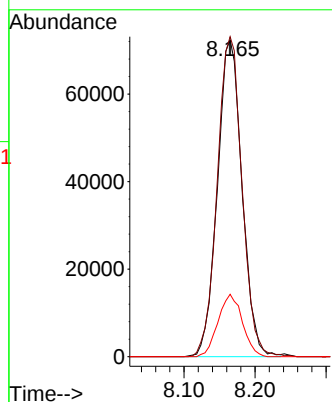
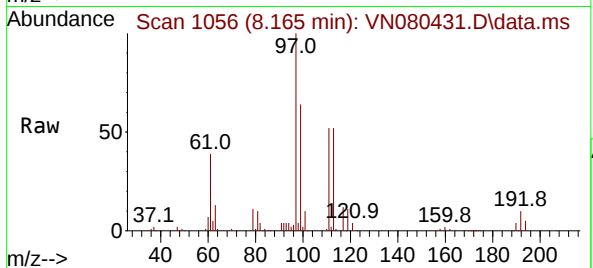
192 19.5 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#36

1,1-Dichloropropene

Concen: 50.811 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

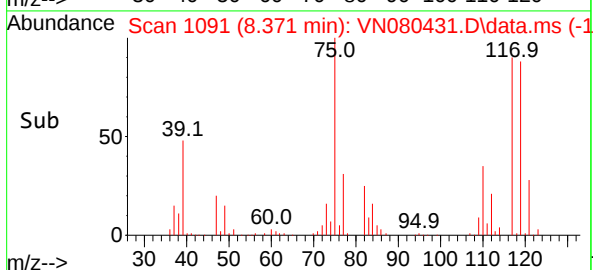
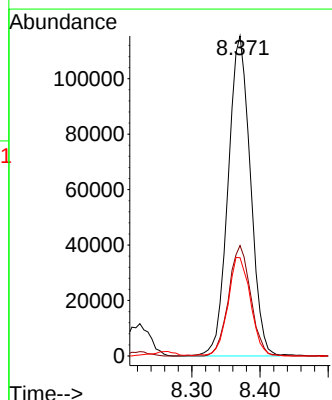
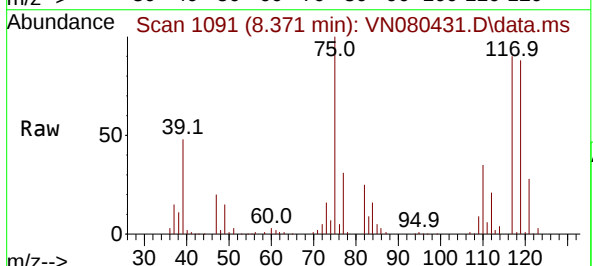
Tgt Ion: 75 Resp: 262464

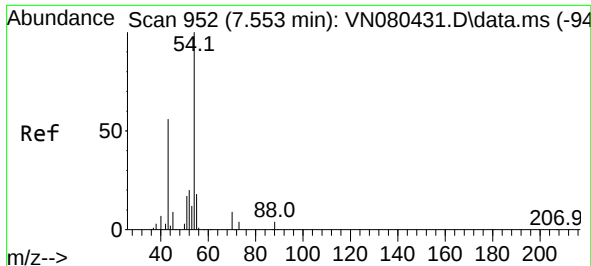
Ion Ratio Lower Upper

75 100

110 34.3 19.1 57.3

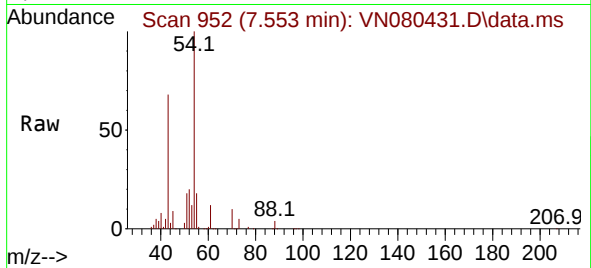
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 49.723 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

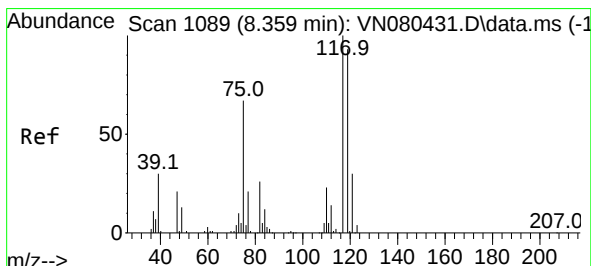
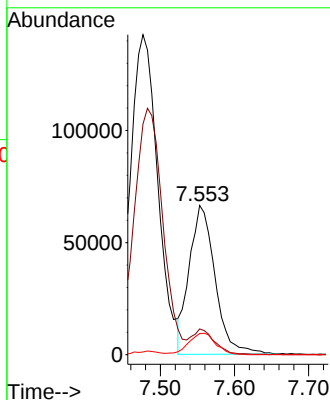
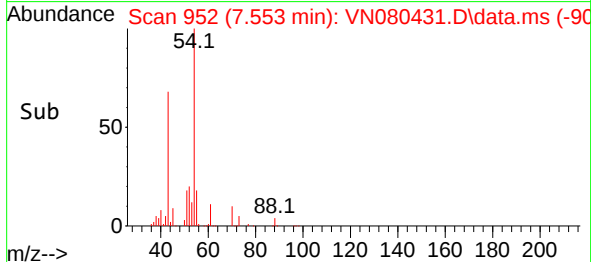
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 160838
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 15.0 11.3 16.9

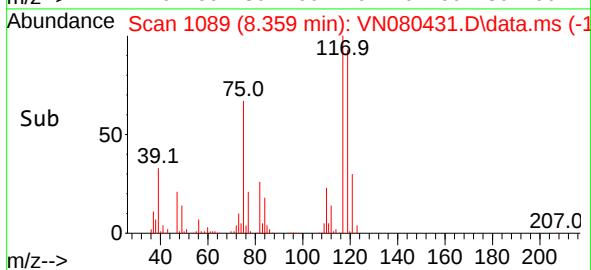
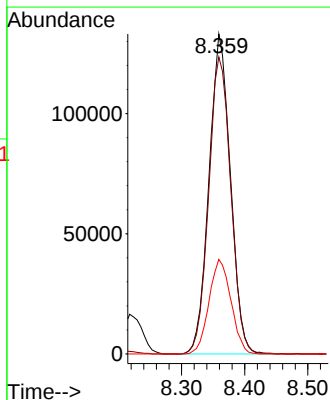
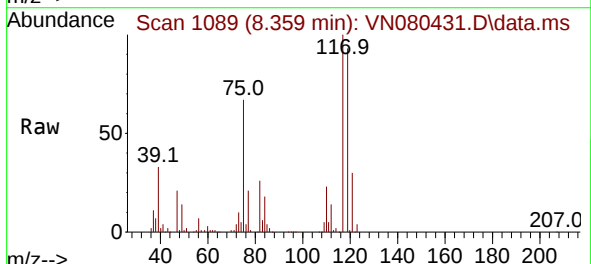
Manual Integrations
APPROVED

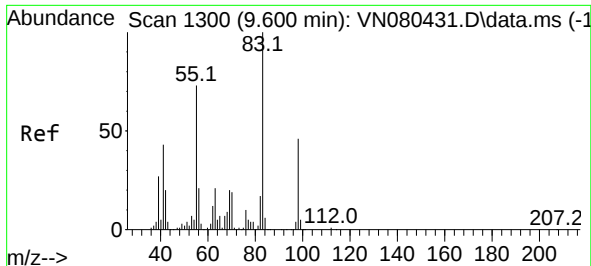
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#38
Carbon Tetrachloride
Concen: 50.865 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:117 Resp: 313951
Ion Ratio Lower Upper
117 100
119 92.8 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.474 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

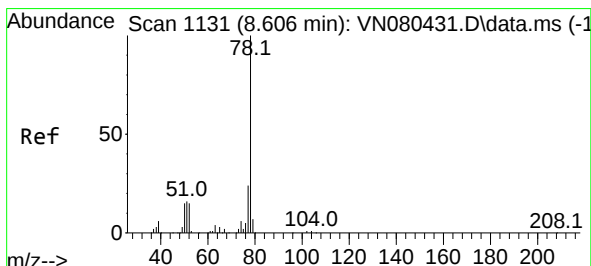
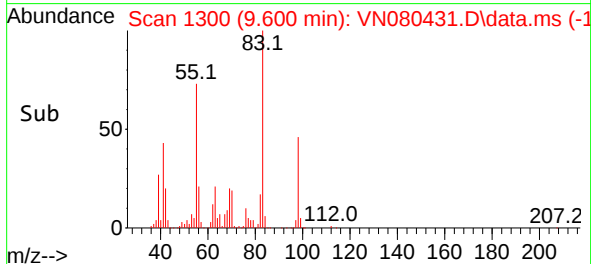
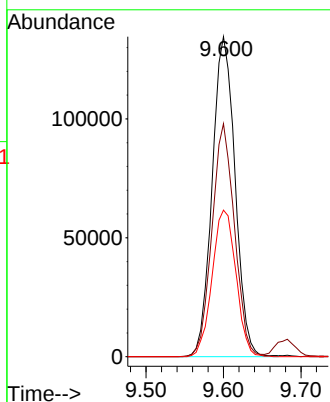
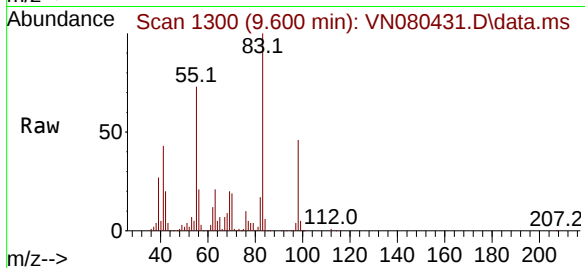
Tgt Ion: 83 Resp: 276218
 Ion Ratio Lower Upper
 83 100
 55 72.8 49.1 73.7
 98 45.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#40

Benzene

Concen: 49.941 ug/l

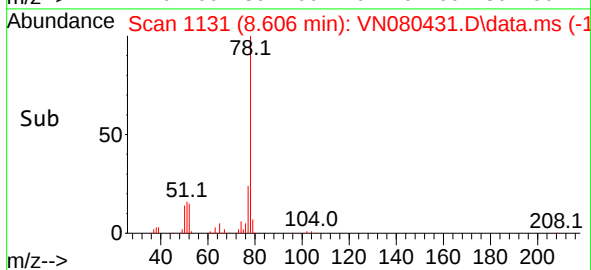
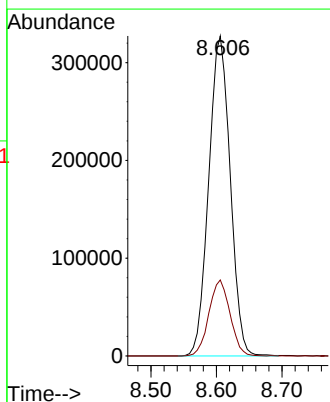
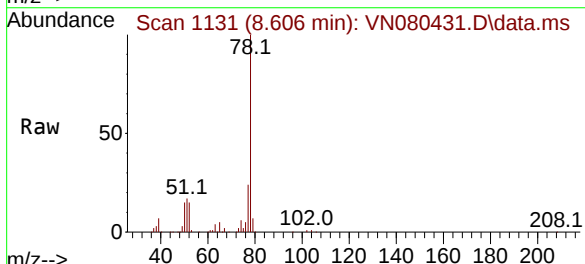
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Tgt Ion: 78 Resp: 744929
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.0 28.6





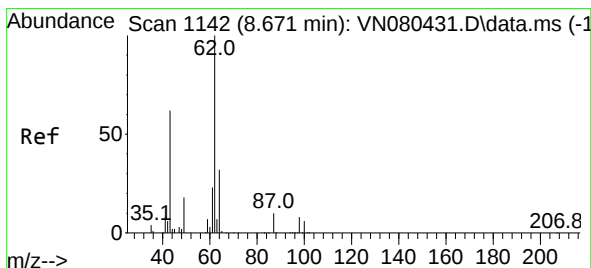
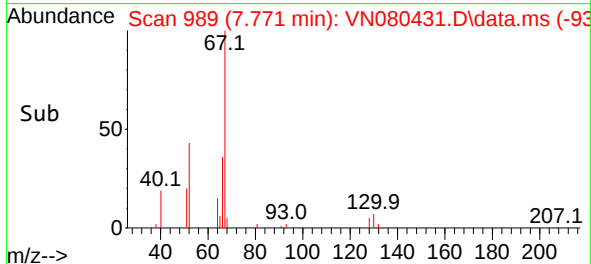
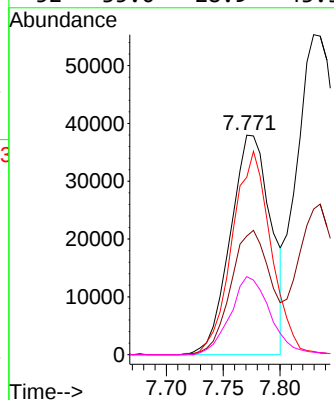
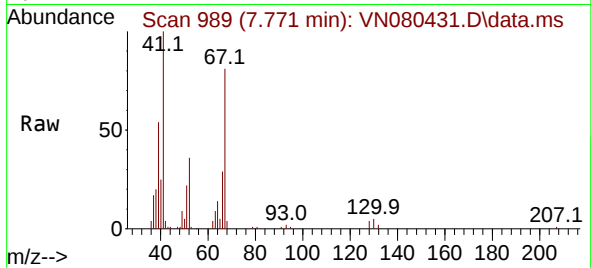
#41
Methacrylonitrile
Concen: 50.703 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 94552
Ion Ratio Lower Upper
41 100
39 55.5 42.6 64.0
67 88.9 77.5 116.3
52 35.0 28.9 43.3

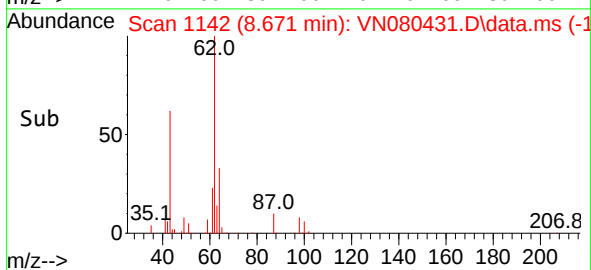
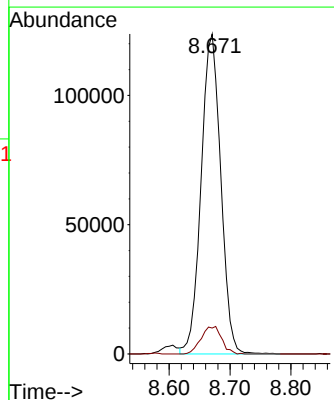
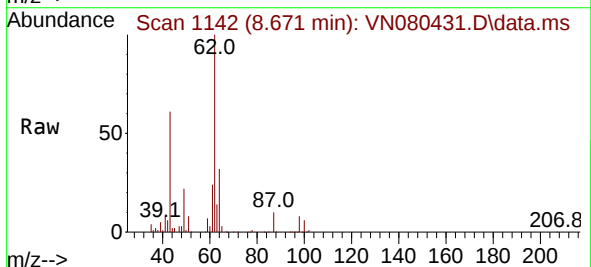
Manual Integrations
APPROVED

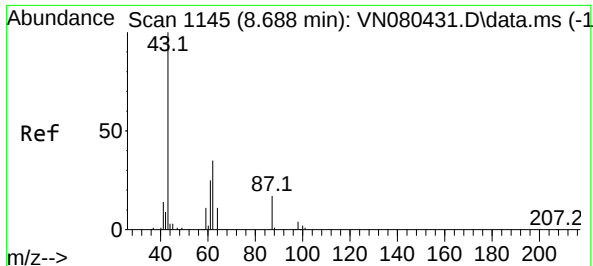
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 50.295 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

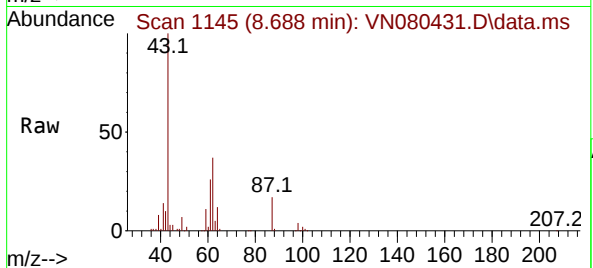
Tgt Ion: 62 Resp: 277811
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 51.180 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

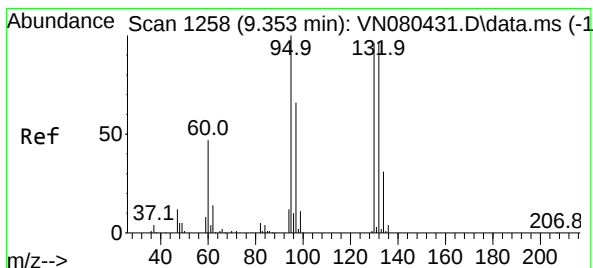
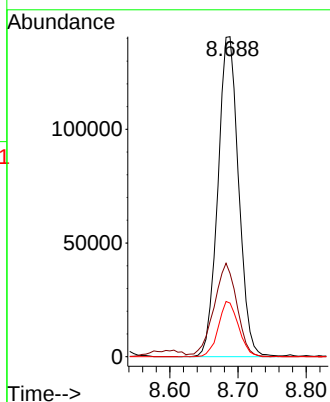
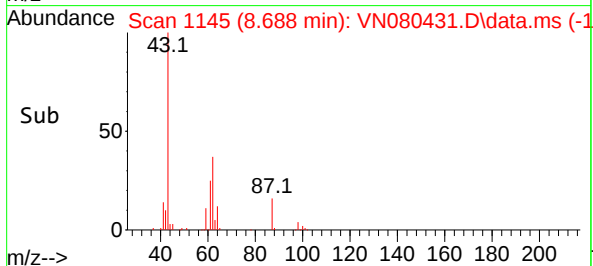
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 29766
Ion Ratio Lower Upper
43 100
61 32.4 24.7 37.1
87 16.8 14.6 21.8

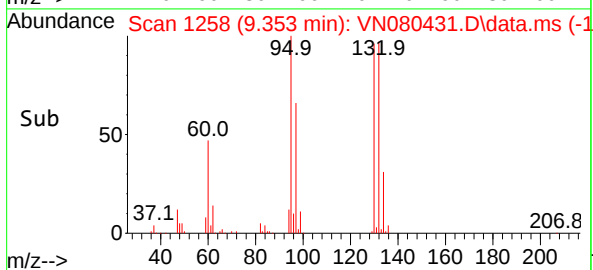
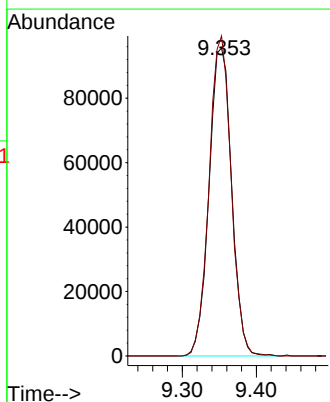
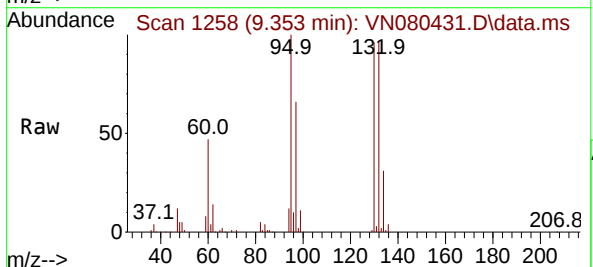
Manual Integrations
APPROVED

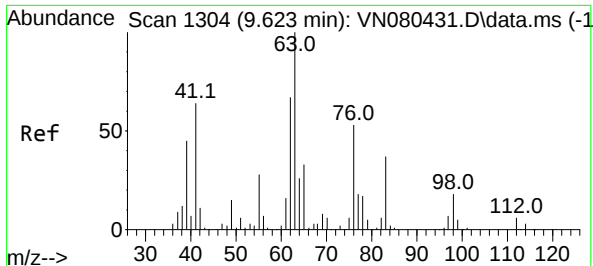
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#44
Trichloroethene
Concen: 50.370 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:130 Resp: 202548
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.248 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 176038

Ion Ratio Lower Upper

63 100

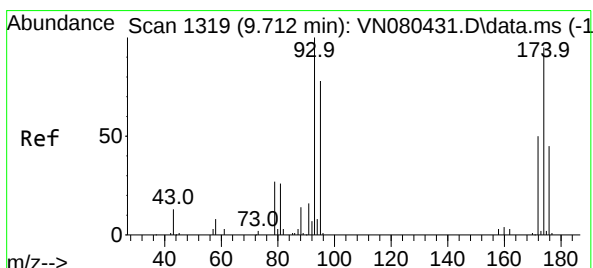
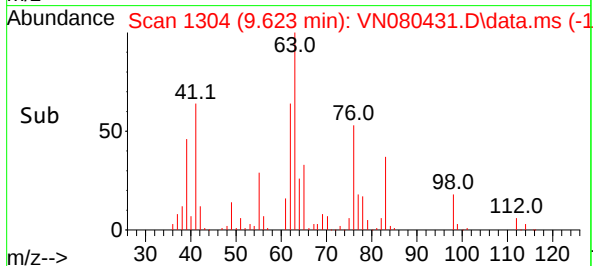
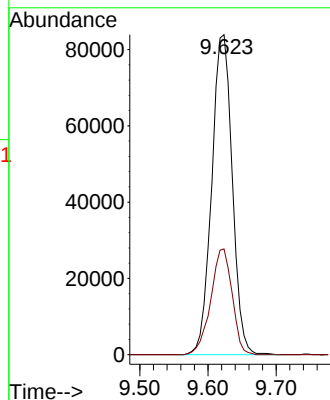
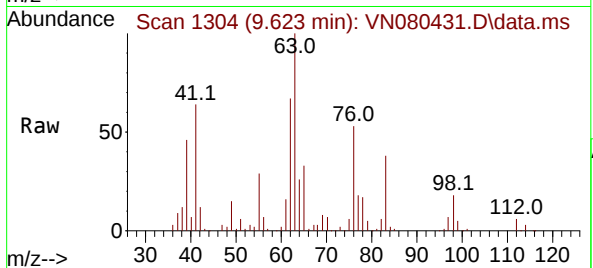
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 50.266 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

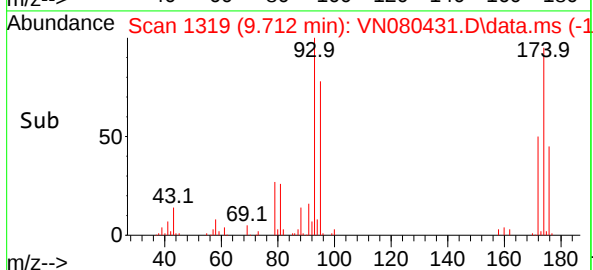
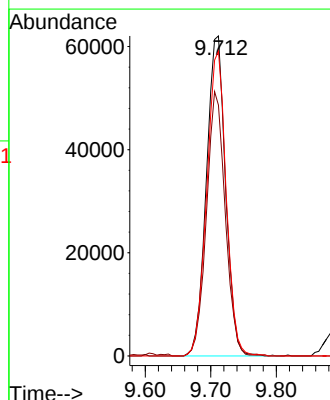
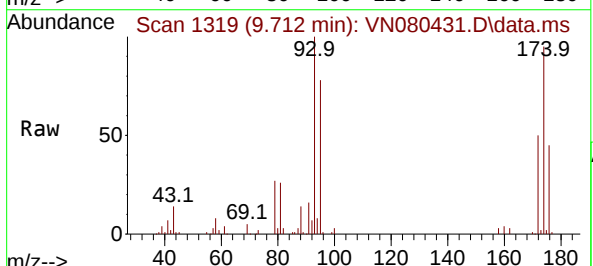
Tgt Ion: 93 Resp: 126465

Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

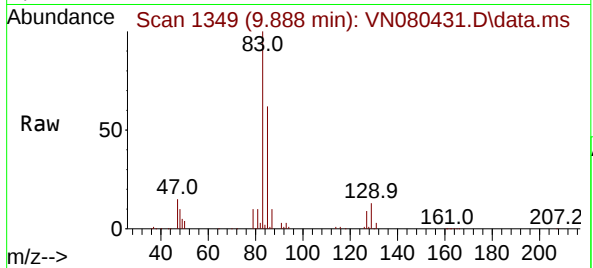
174 96.4 65.6 98.4





#47
Bromodichloromethane
Concen: 51.829 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

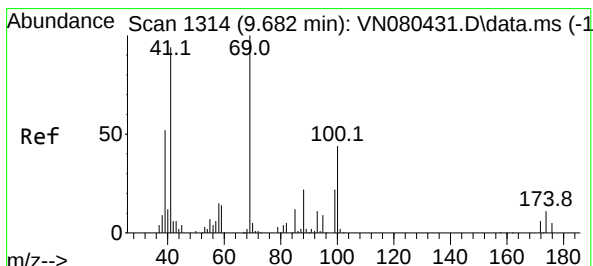
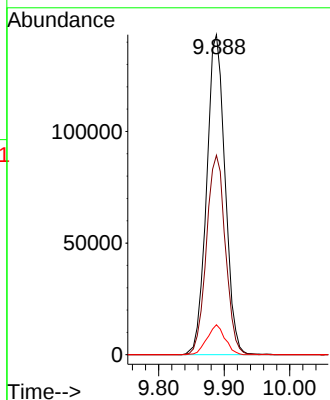
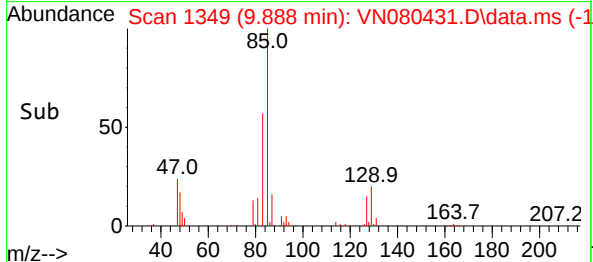
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 279460
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 9.3 7.0 10.6

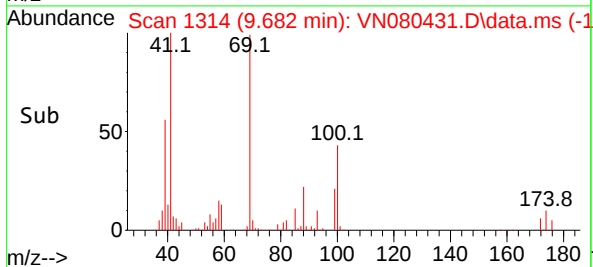
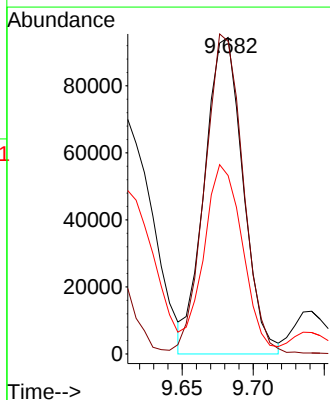
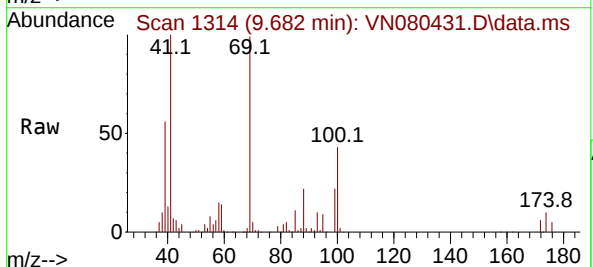
Manual Integrations
APPROVED

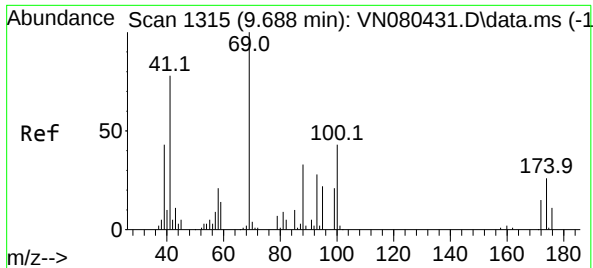
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 51.396 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion: 41 Resp: 178385
Ion Ratio Lower Upper
41 100
69 100.3 90.4 135.6
39 60.7 54.6 81.8





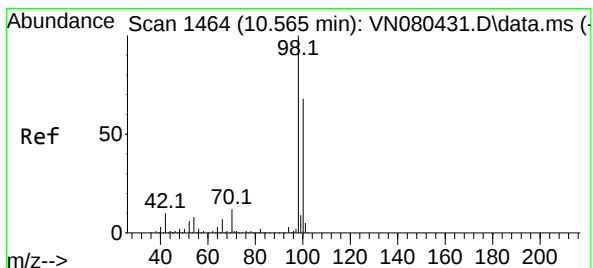
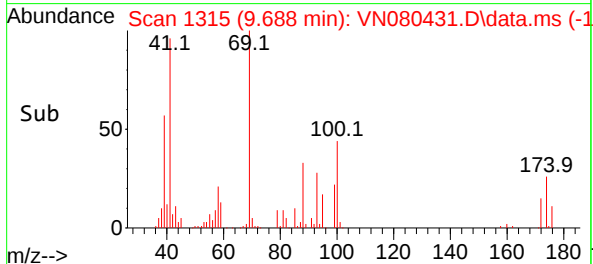
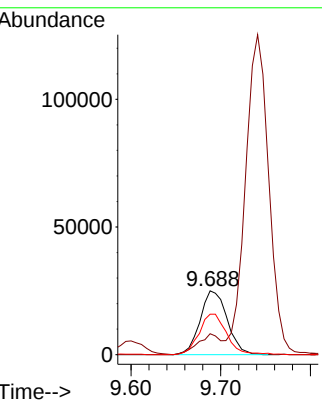
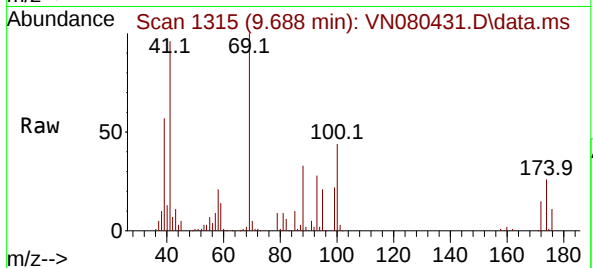
#49
1,4-Dioxane
Concen: 995.053 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 5234
Ion Ratio Lower Upper
88 100
43 26.2 17.0 25.6
58 65.0 47.0 70.4

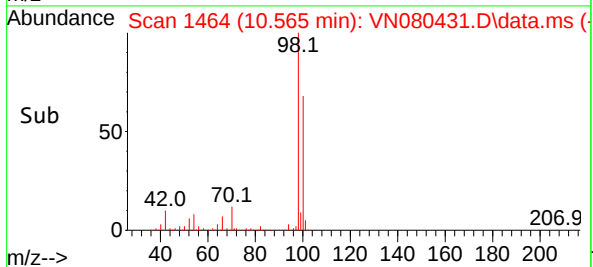
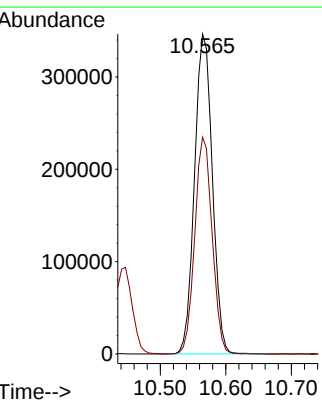
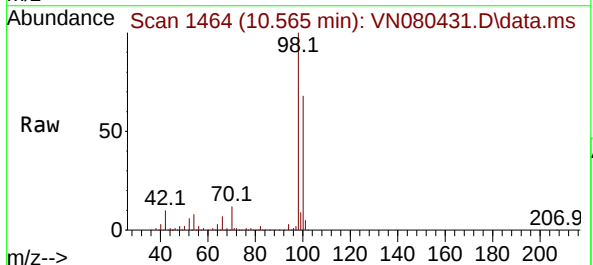
Manual Integrations
APPROVED

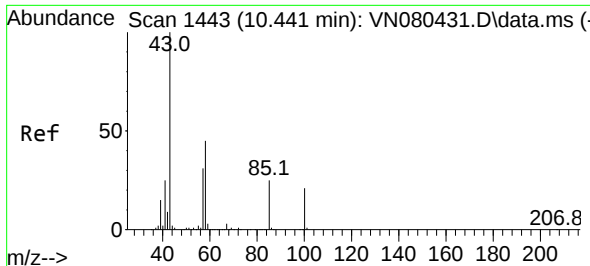
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#50
Toluene-d8
Concen: 55.619 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

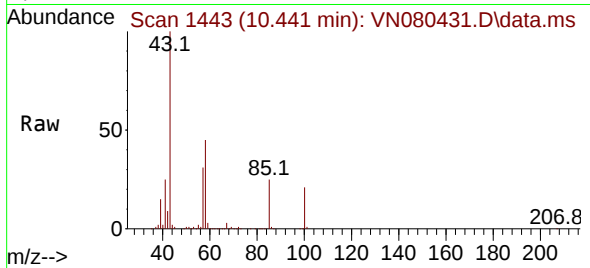
Tgt Ion: 98 Resp: 655324
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.857 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

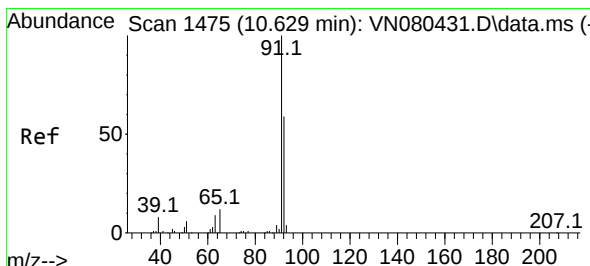
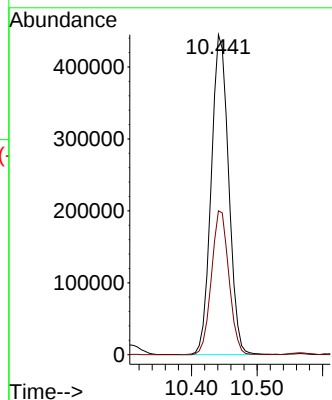
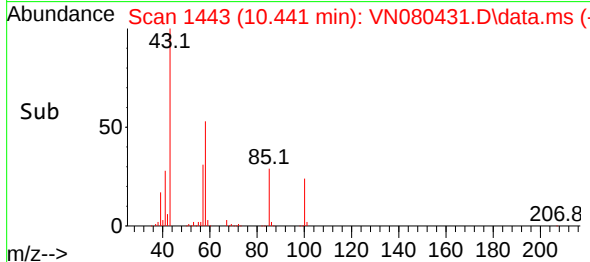
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



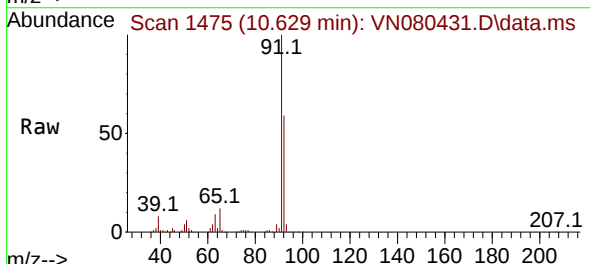
Tgt Ion: 43 Resp: 819540
Ion Ratio Lower Upper
43 100
58 45.1 36.6 54.8

Manual Integrations
APPROVED

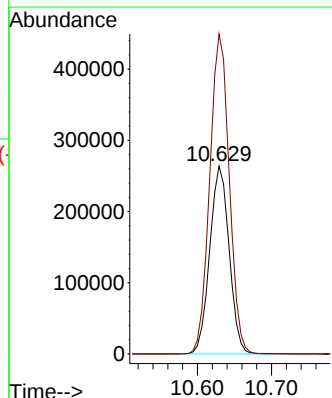
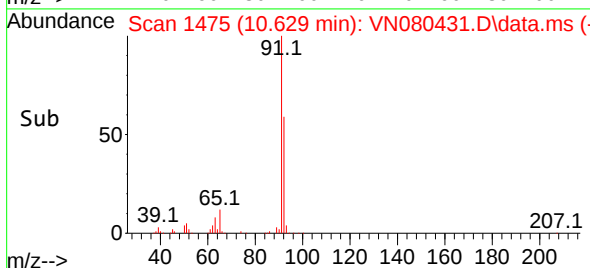
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

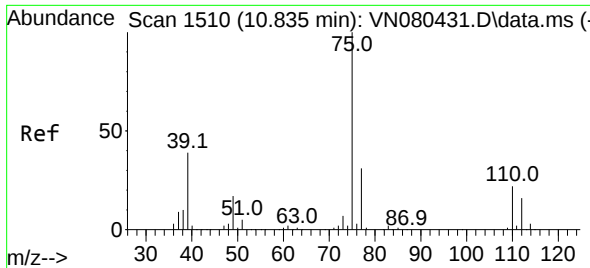


#52
Toluene
Concen: 50.850 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



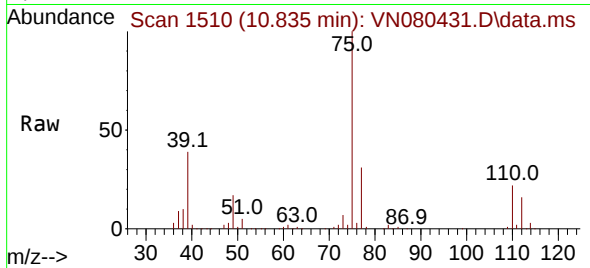
Tgt Ion: 92 Resp: 479165
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.184 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

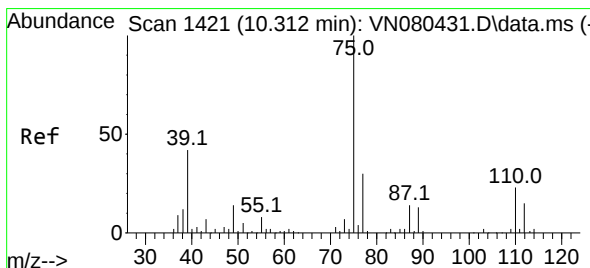
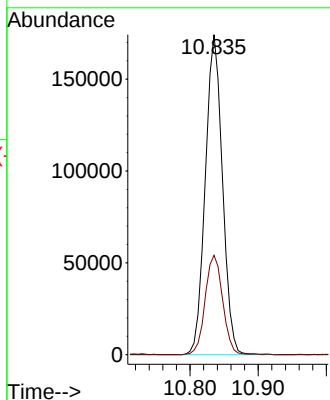
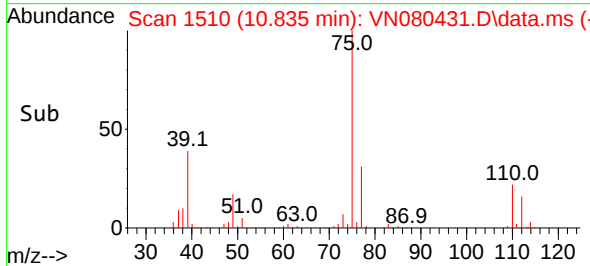
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 30443
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

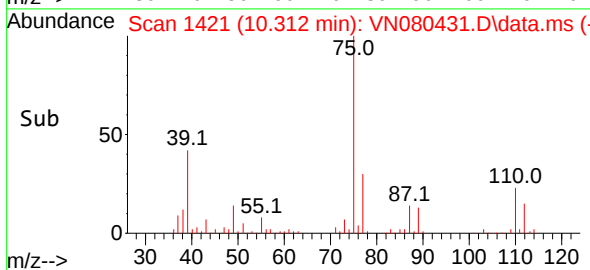
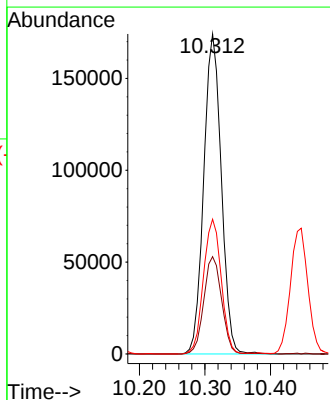
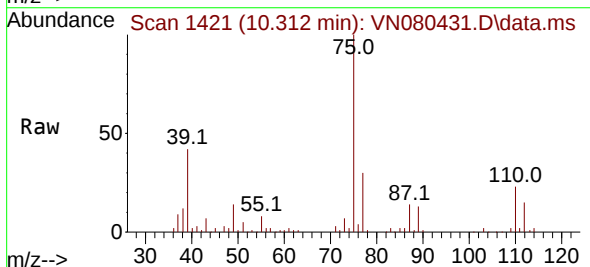
Manual Integrations
APPROVED

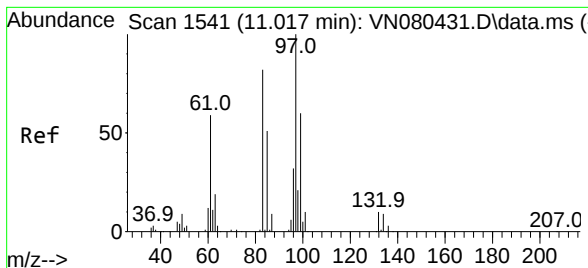
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 52.026 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

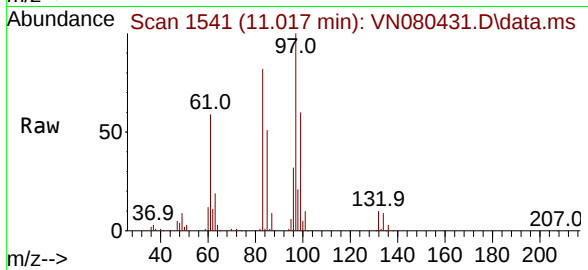
Tgt Ion: 75 Resp: 324417
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 42.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.795 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

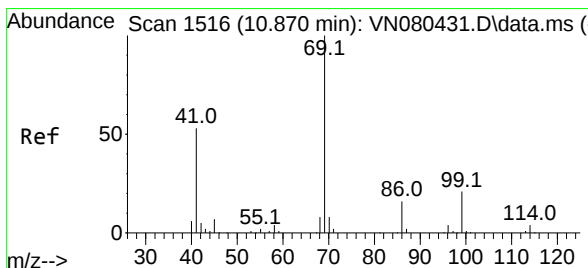
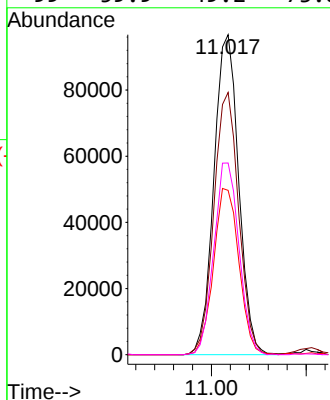
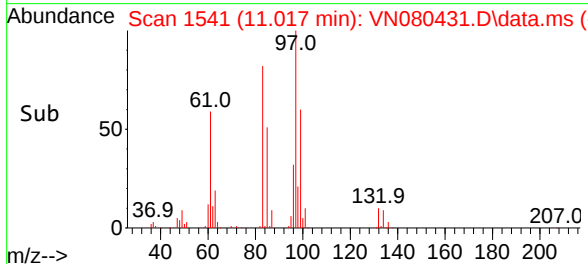


Tgt Ion: 97 Resp: 175618

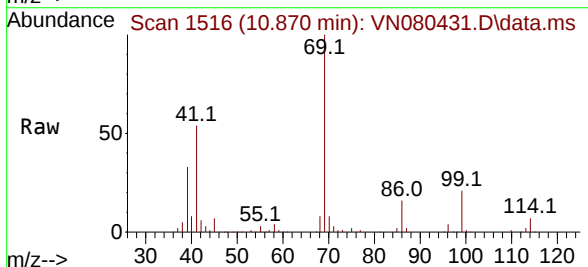
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	51.4	43.4	65.2
99	59.9	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

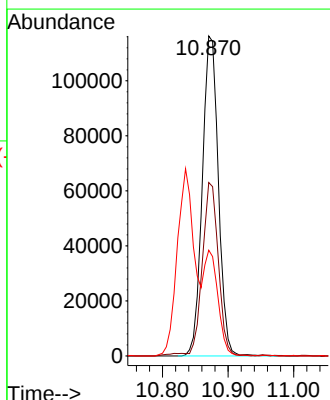
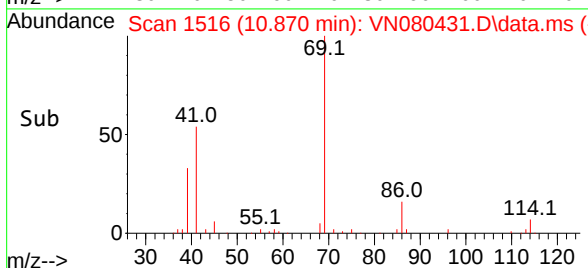


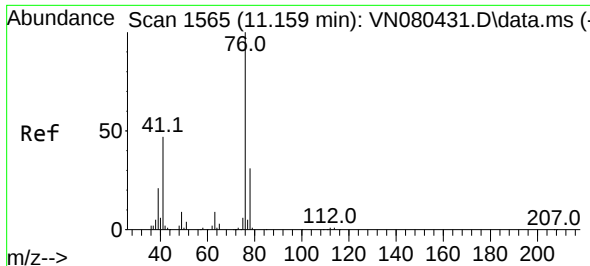
#56
Ethyl methacrylate
Concen: 52.871 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion: 69 Resp: 198472

Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.6	59.4
39	28.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.830 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 302124

Ion Ratio Lower Upper

76 100

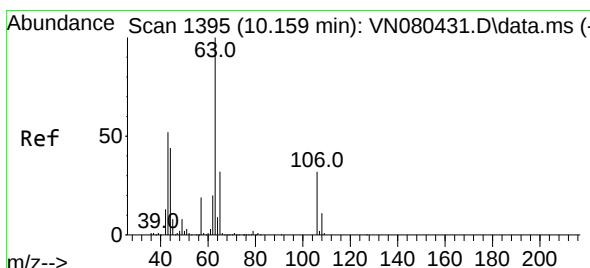
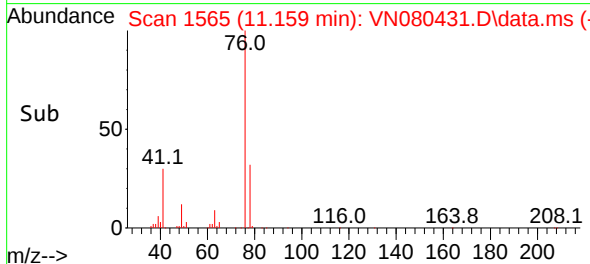
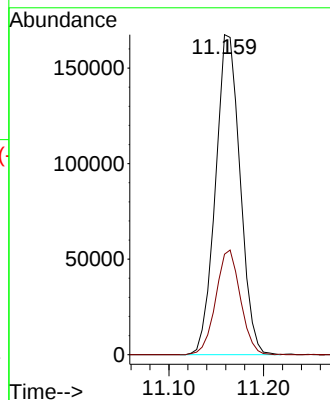
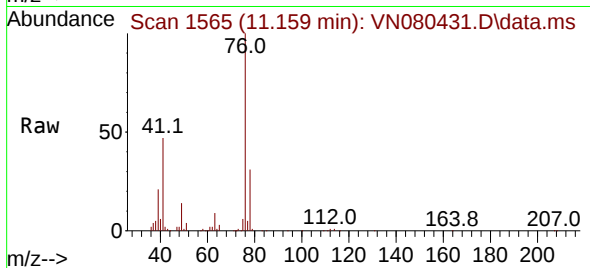
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 302.069 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080431.D

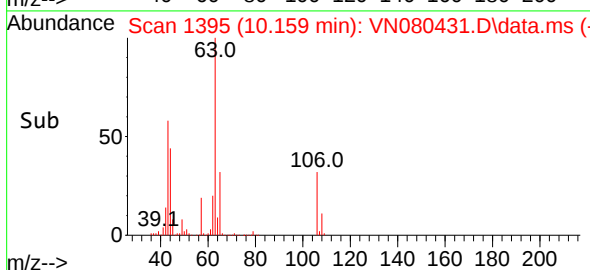
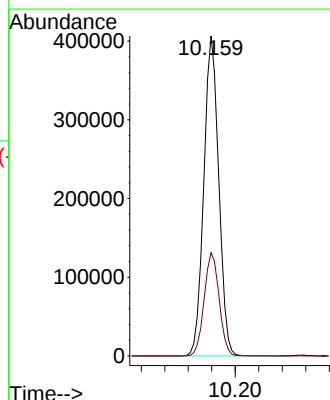
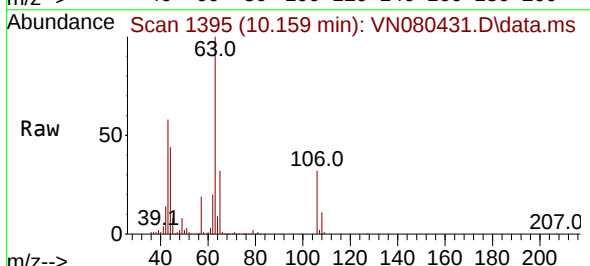
Acq: 12 Dec 2023 10:33

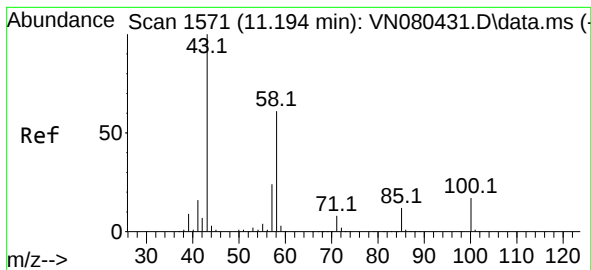
Tgt Ion: 63 Resp: 715856

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4





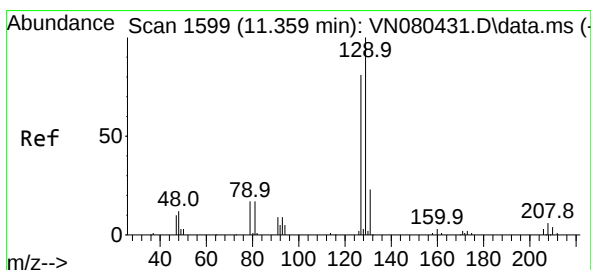
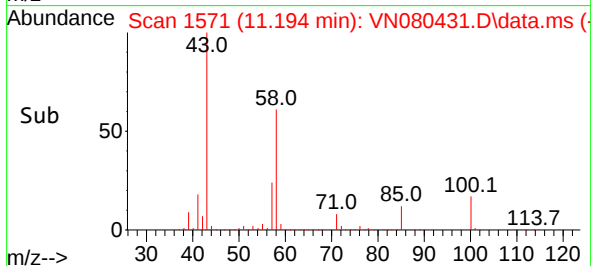
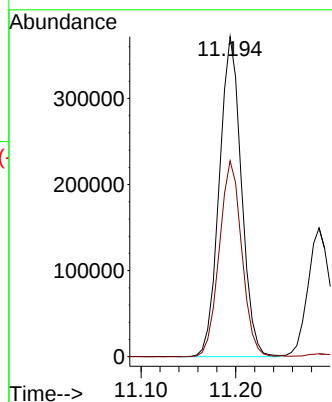
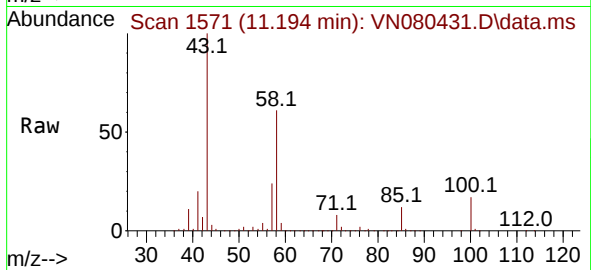
#59
2-Hexanone
Concen: 255.027 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 60306
Ion Ratio Lower Upper
43 100
58 62.3 31.7 95.1

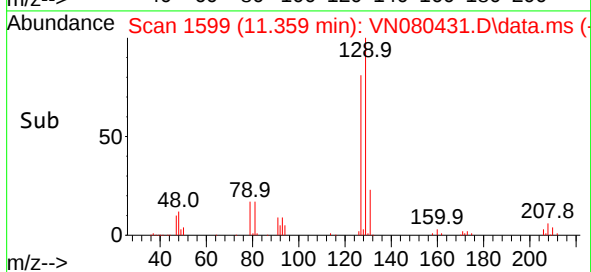
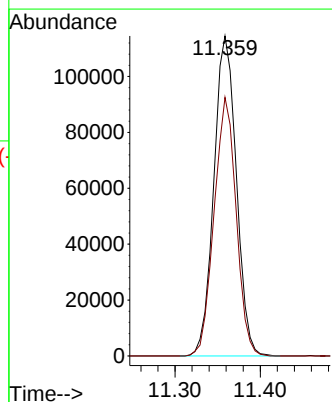
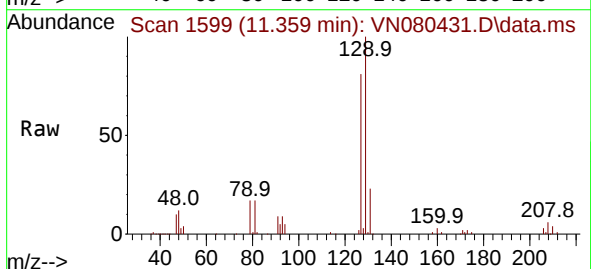
Manual Integrations
APPROVED

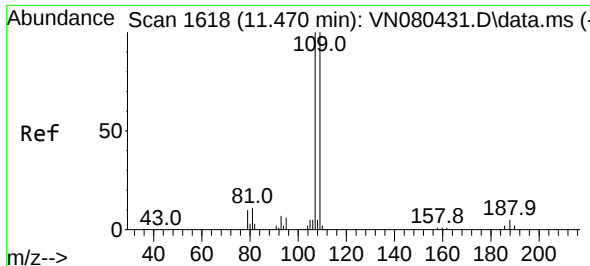
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 52.242 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

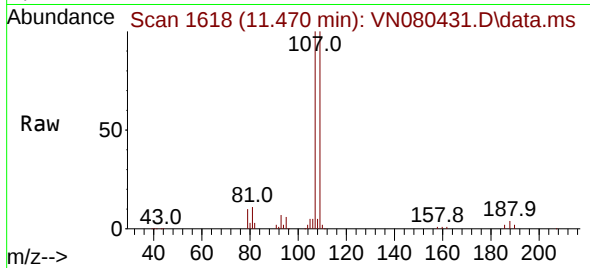
Tgt Ion:129 Resp: 209896
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.355 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

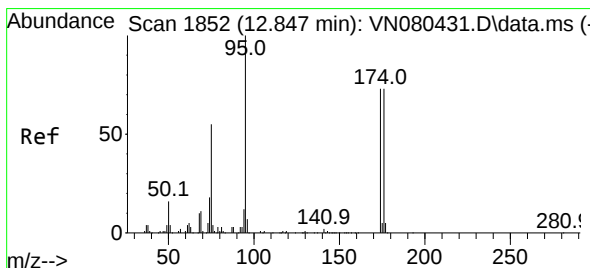
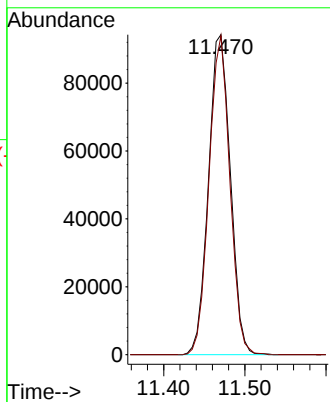
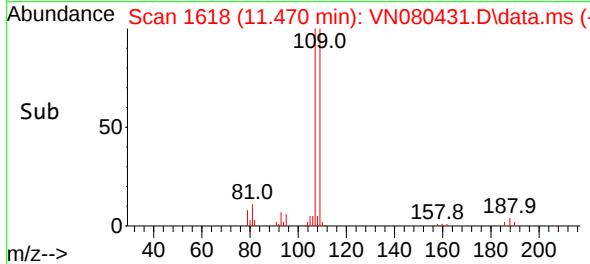
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



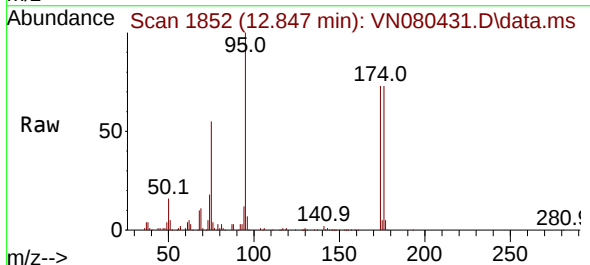
Tgt Ion:107 Resp: 176700
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

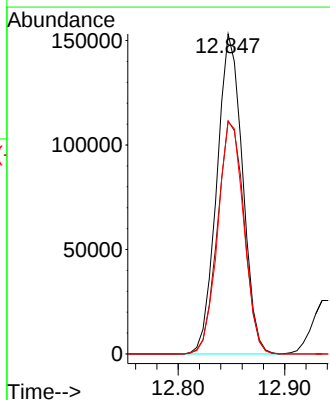
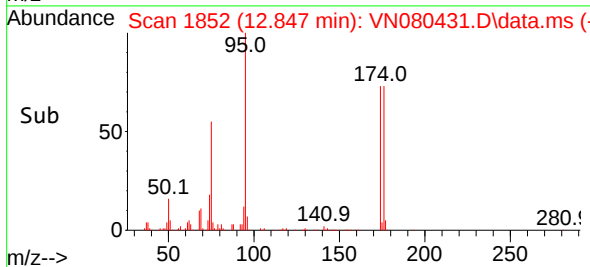
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

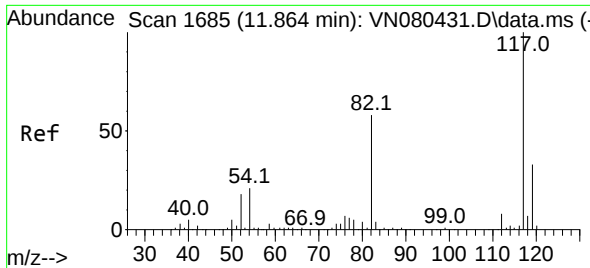


#62
4-Bromofluorobenzene
Concen: 57.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



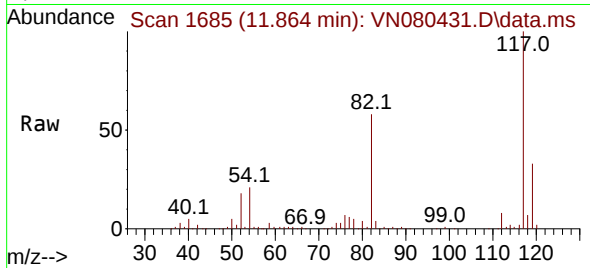
Tgt Ion: 95 Resp: 256493
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 73.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

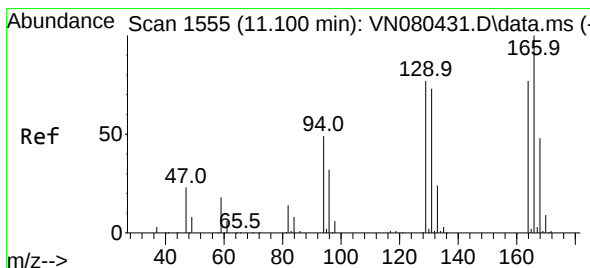
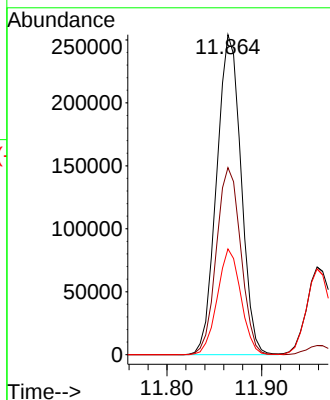
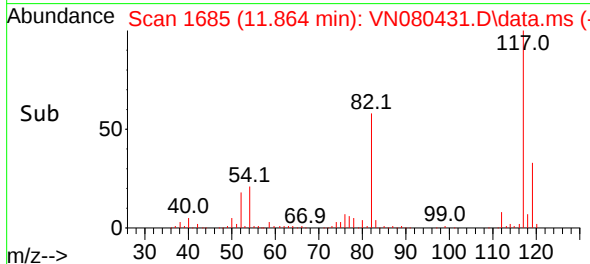
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



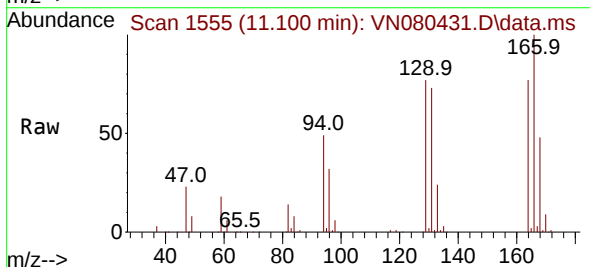
Tgt Ion:117 Resp: 455178
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 33.0 25.6 38.4

Manual Integrations
APPROVED

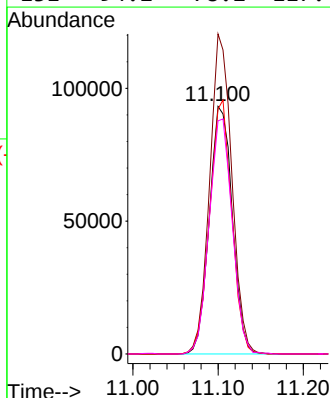
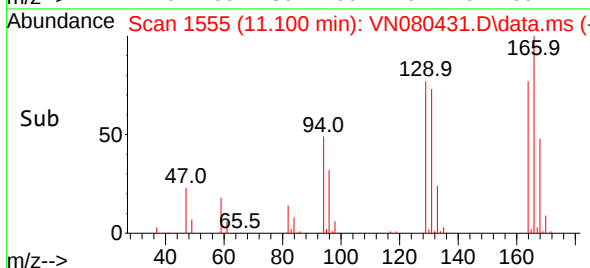
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

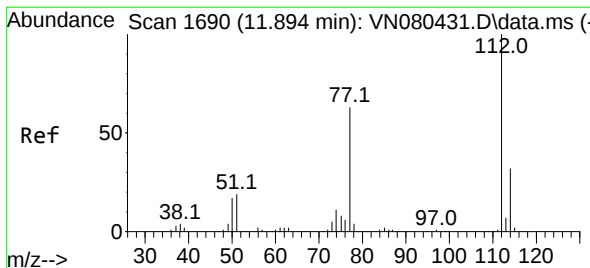


#64
Tetrachloroethene
Concen: 49.672 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion:164 Resp: 174568
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 99.0 82.4 123.6
131 94.2 78.2 117.4





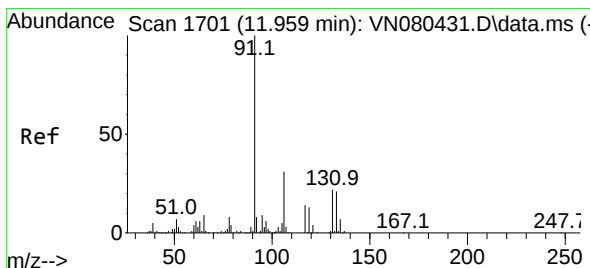
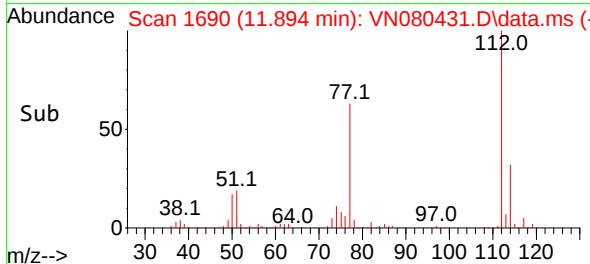
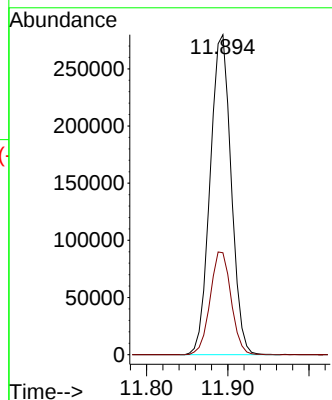
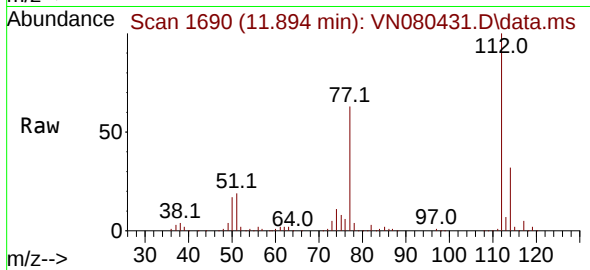
#65
Chlorobenzene
Concen: 49.623 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 502468
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

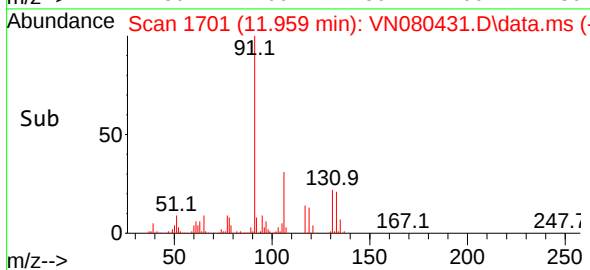
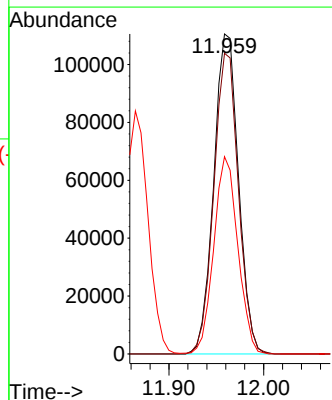
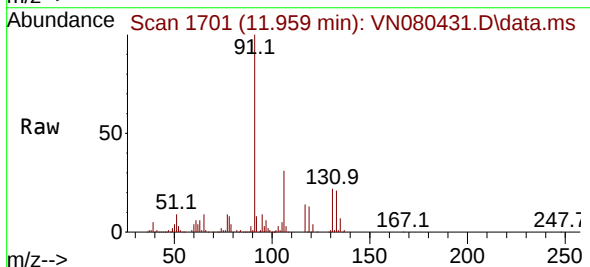
Manual Integrations
APPROVED

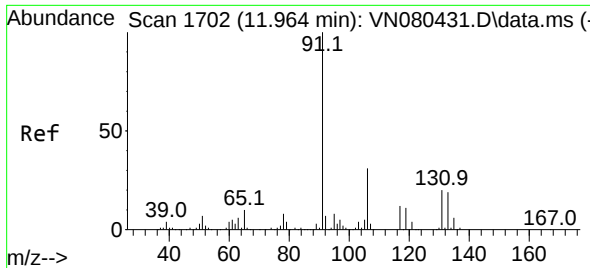
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.451 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

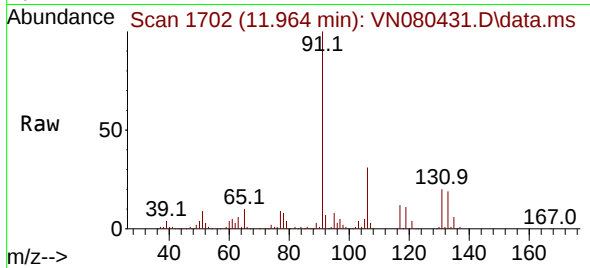
Tgt Ion:131 Resp: 200448
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 60.1 34.1 102.2





#67
Ethyl Benzene
Concen: 50.244 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

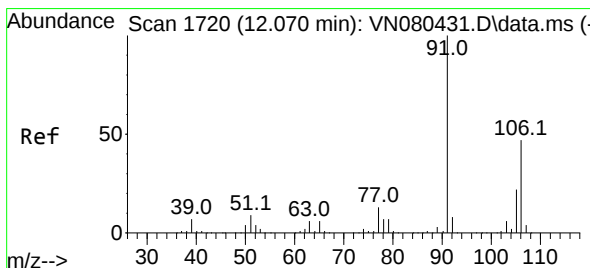
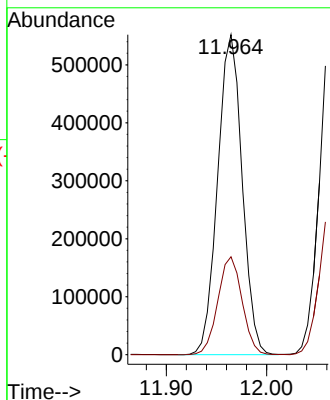
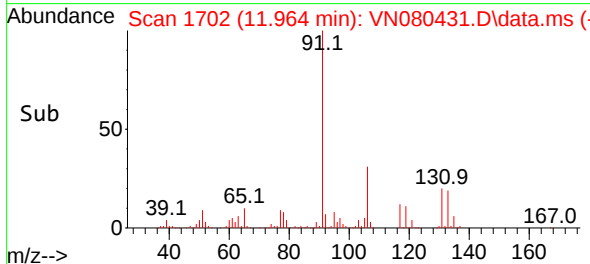
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



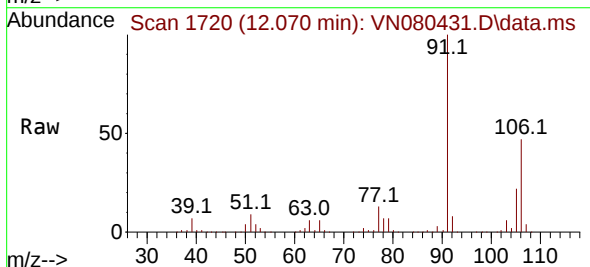
Tgt Ion: 91 Resp: 935450
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

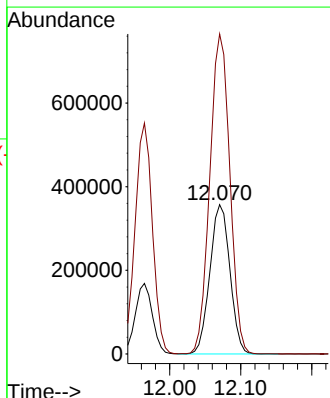
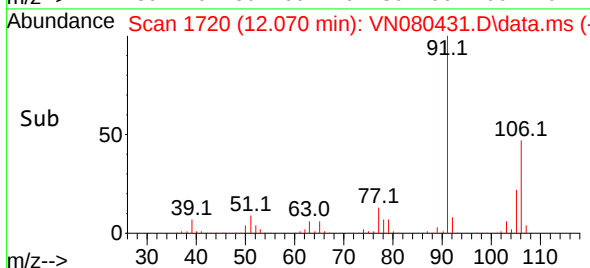
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

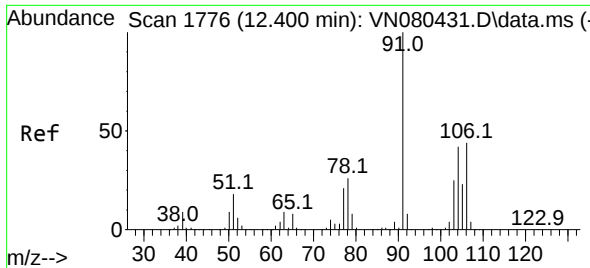


#68
m/p-Xylenes
Concen: 101.531 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion:106 Resp: 698524
Ion Ratio Lower Upper
106 100
91 214.6 159.6 239.4





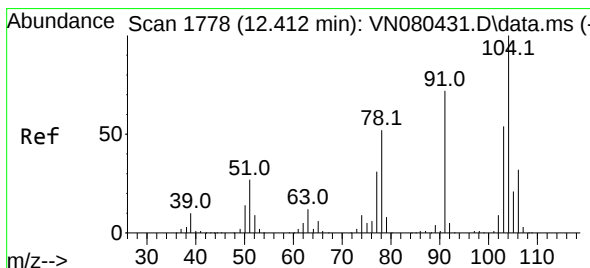
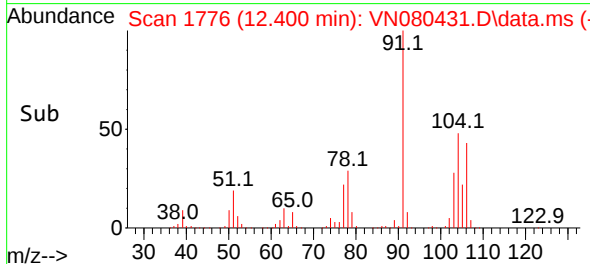
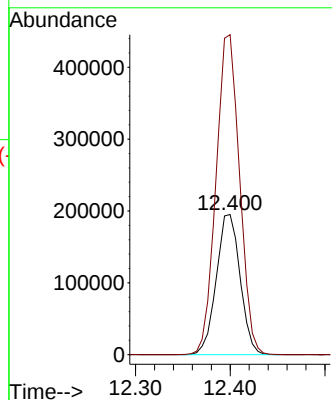
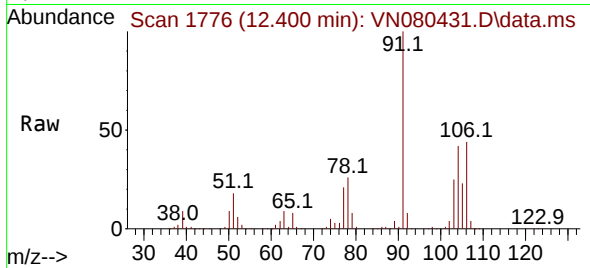
#69
o-Xylene
Concen: 50.677 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 341019
Ion Ratio Lower Upper
106 100
91 226.2 105.2 315.5

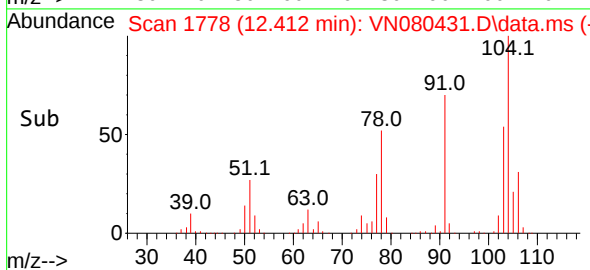
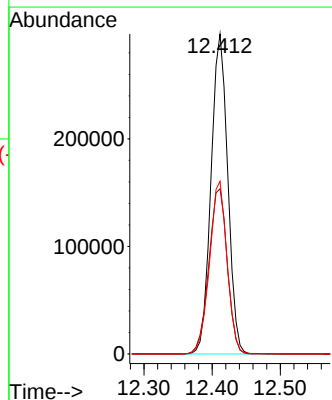
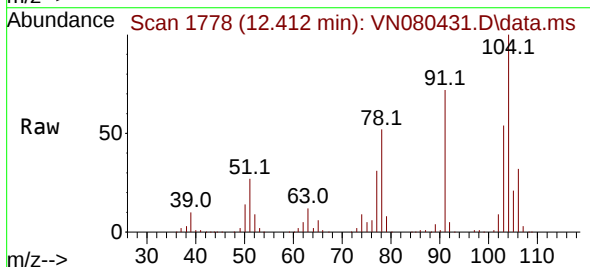
Manual Integrations
APPROVED

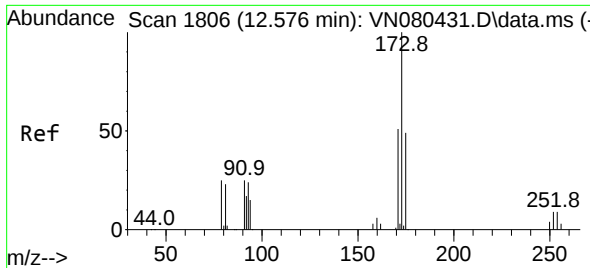
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 52.348 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

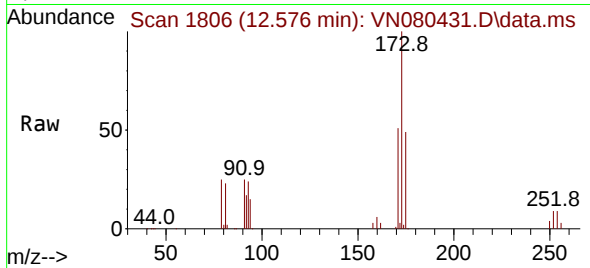
Tgt Ion:104 Resp: 507413
Ion Ratio Lower Upper
104 100
78 56.7 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 52.092 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

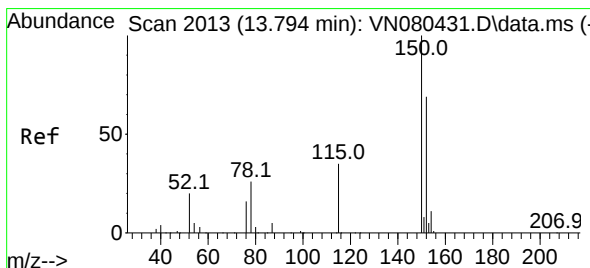
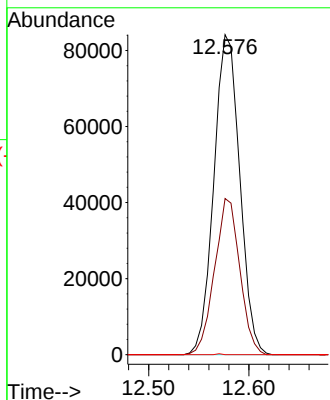
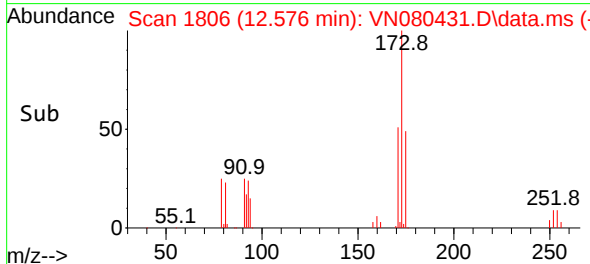
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



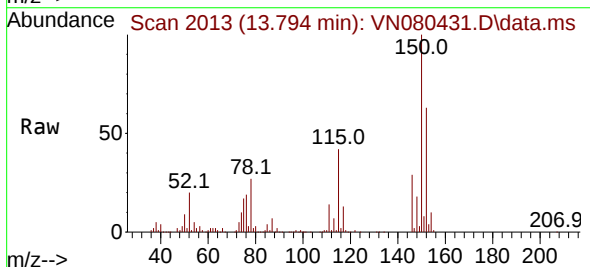
Tgt Ion:173 Resp: 150930
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
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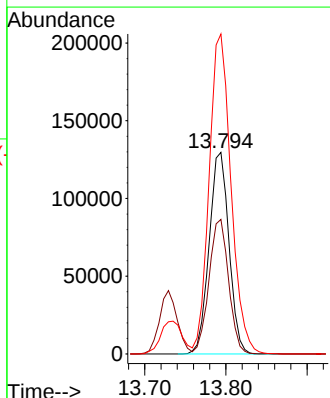
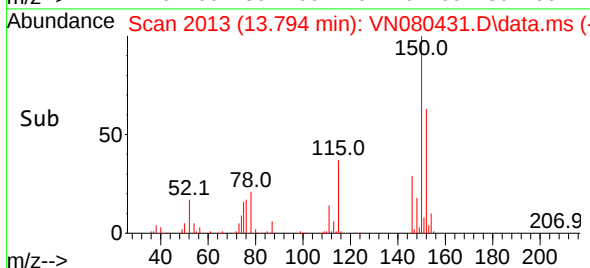
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

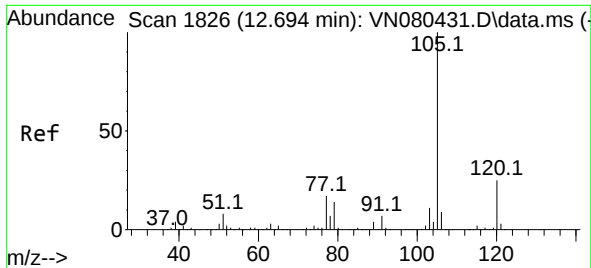


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



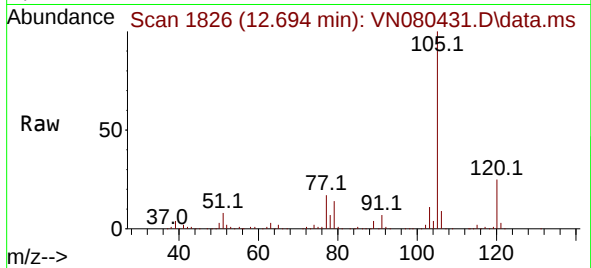
Tgt Ion:152 Resp: 219818
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 174.8 0.0 355.8





#73
Isopropylbenzene
Concen: 50.669 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

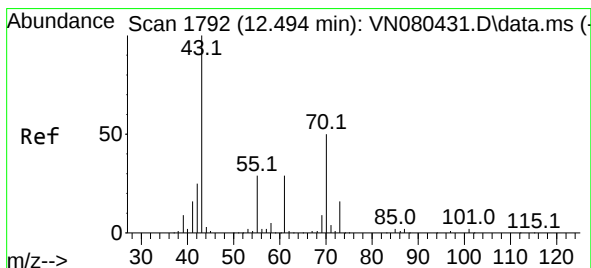
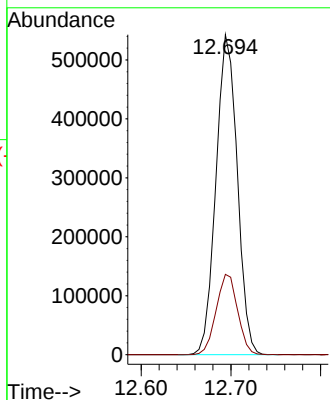
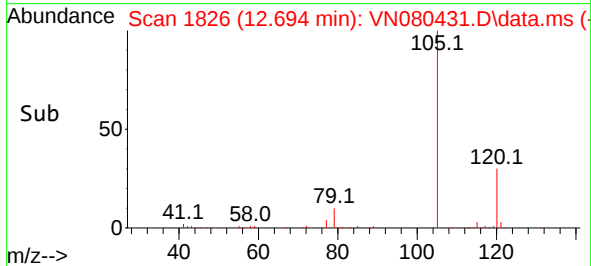
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 89474
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

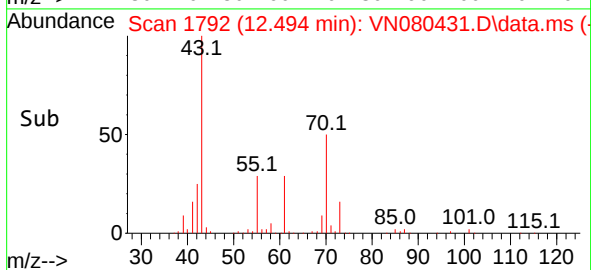
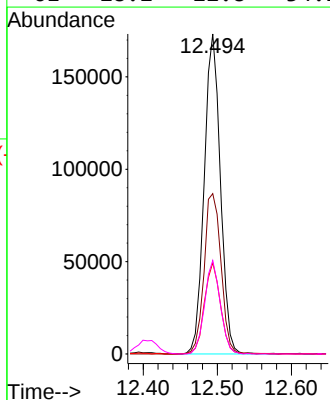
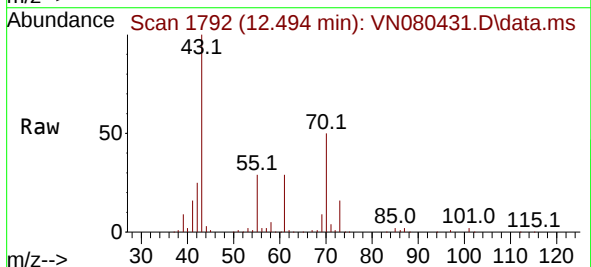
Manual Integrations
APPROVED

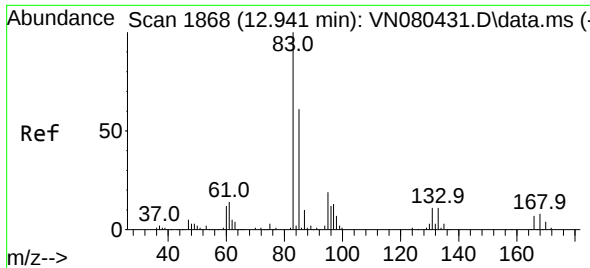
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#74
N-ethyl acetate
Concen: 51.006 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

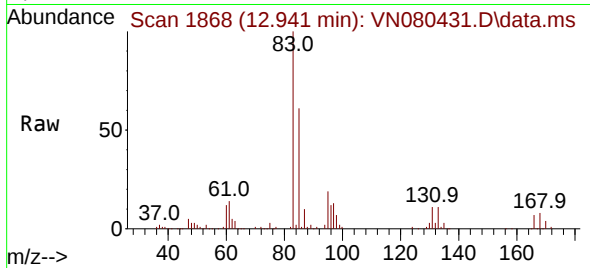
Tgt Ion: 43 Resp: 263019
Ion Ratio Lower Upper
43 100
70 52.4 43.4 65.2
55 28.4 21.4 32.0
61 28.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.579 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

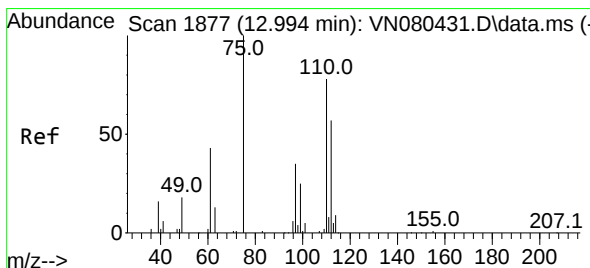
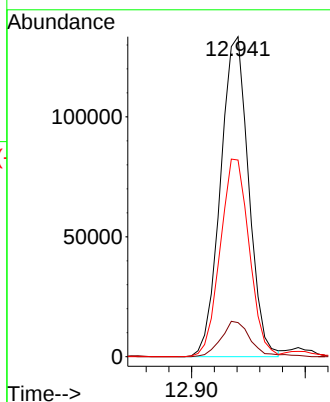
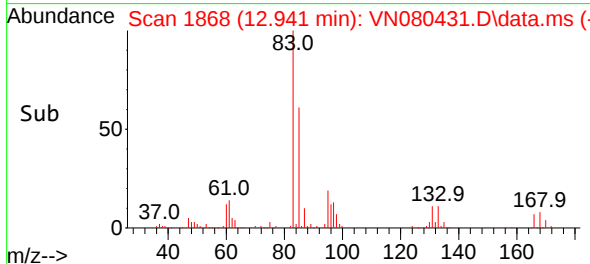
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



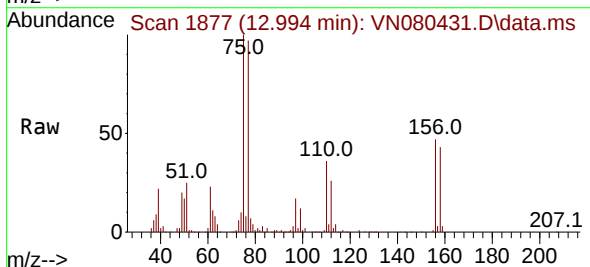
Tgt Ion: 83 Resp: 22986
Ion Ratio Lower Upper
83 100
131 11.6 5.0 15.0
85 63.6 31.9 95.7

Manual Integrations
APPROVED

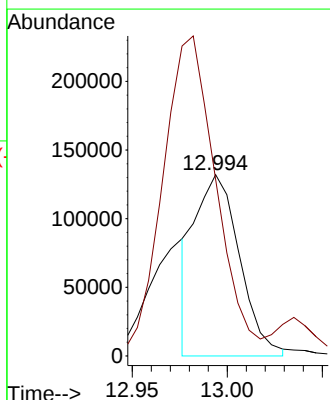
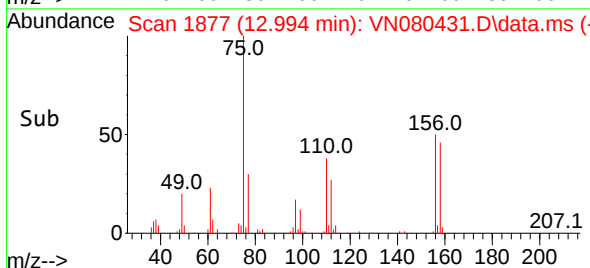
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

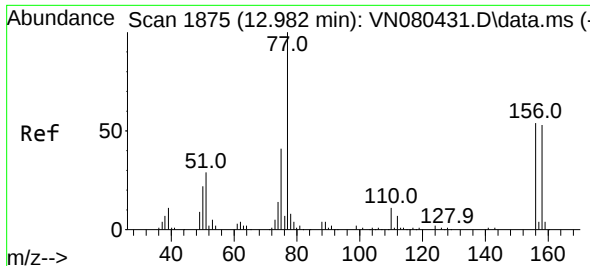


#76
1,2,3-Trichloropropane
Concen: 45.044 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



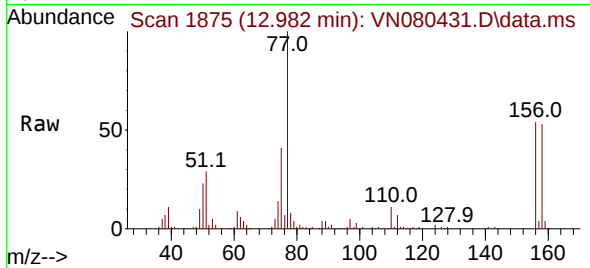
Tgt Ion: 75 Resp: 215787
Ion Ratio Lower Upper
75 100
77 210.7 84.5 253.5





#77
Bromobenzene
Concen: 50.778 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

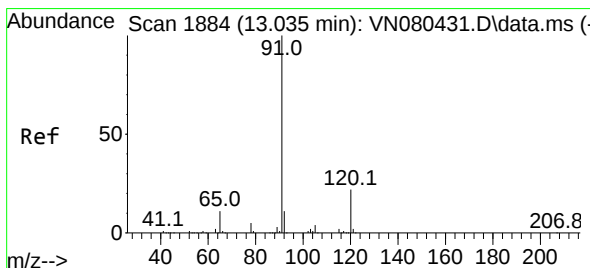
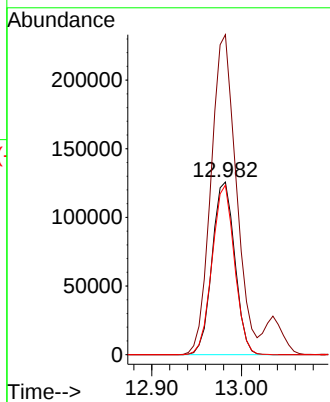
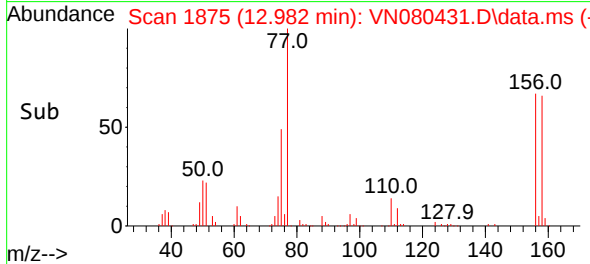
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 220578
Ion Ratio Lower Upper
156 100
77 206.1 107.7 323.3
158 97.1 48.4 145.3

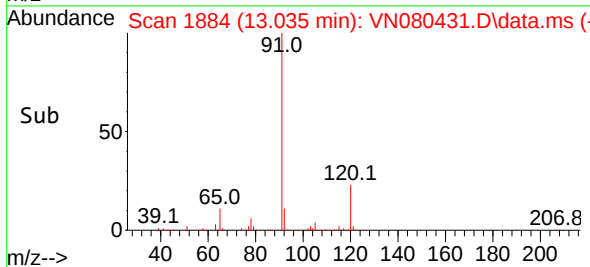
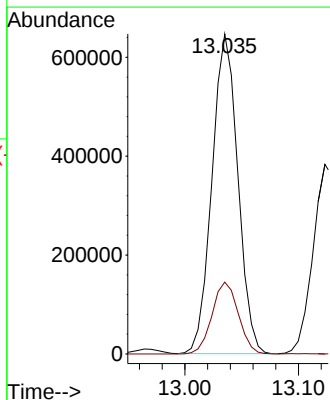
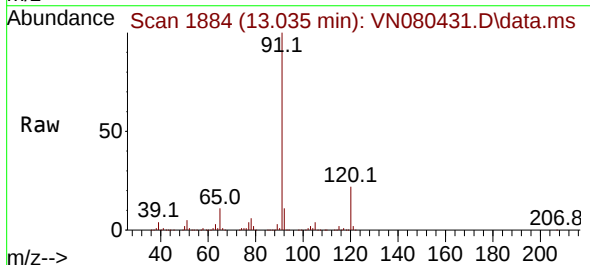
Manual Integrations
APPROVED

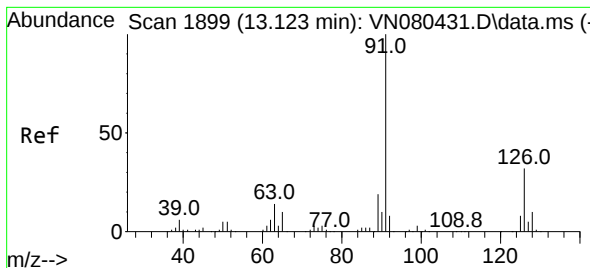
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#78
n-propylbenzene
Concen: 52.489 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion: 91 Resp: 1021935
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





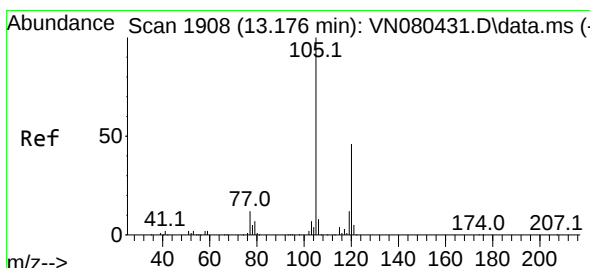
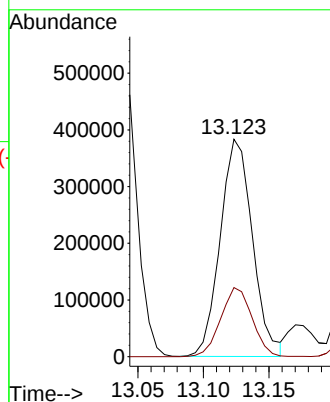
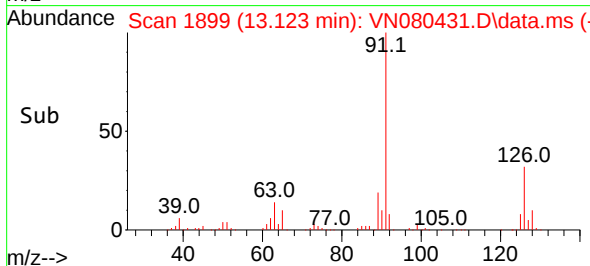
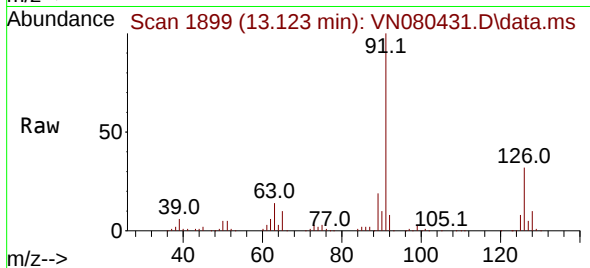
#79
2-Chlorotoluene
Concen: 51.715 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 657350
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

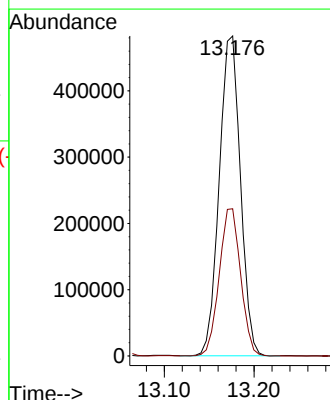
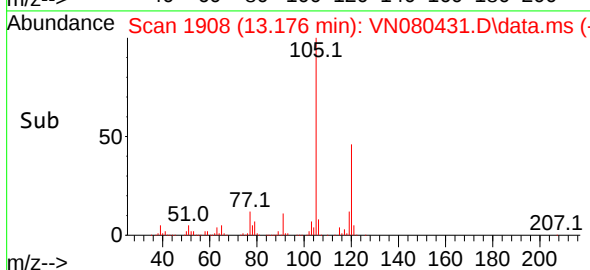
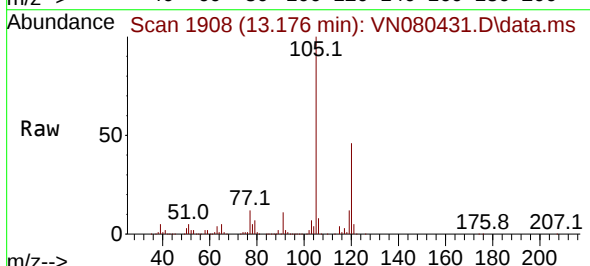
Manual Integrations
APPROVED

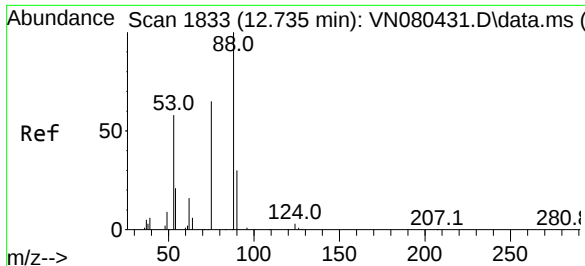
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.035 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

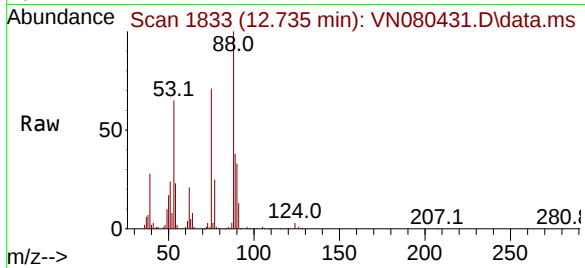
Tgt Ion:105 Resp: 791367
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.612 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

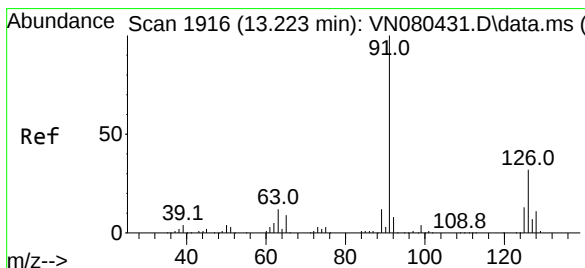
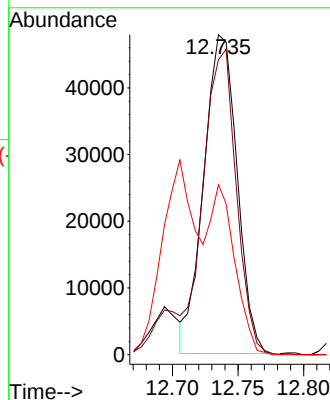
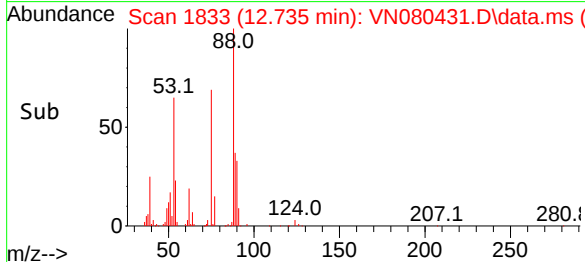
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



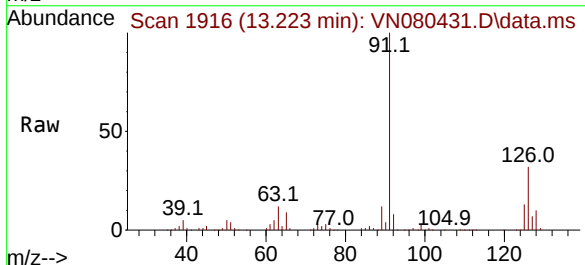
Tgt Ion: 75 Resp: 84532
Ion Ratio Lower Upper
75 100
53 107.0 67.4 101.2
89 40.2 38.8 58.2

Manual Integrations
APPROVED

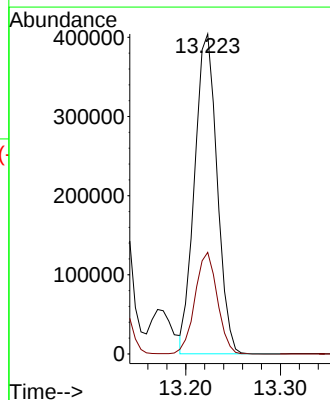
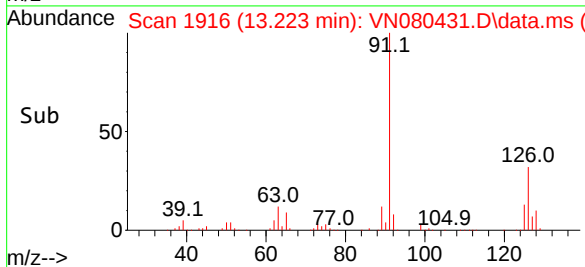
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

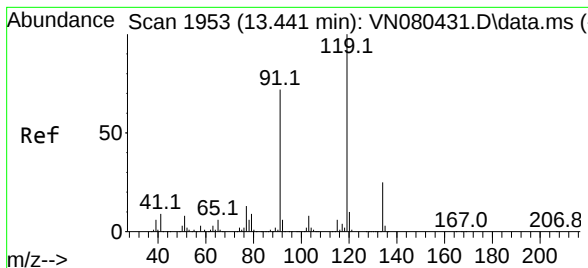


#82
4-Chlorotoluene
Concen: 50.927 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33



Tgt Ion: 91 Resp: 665373
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0





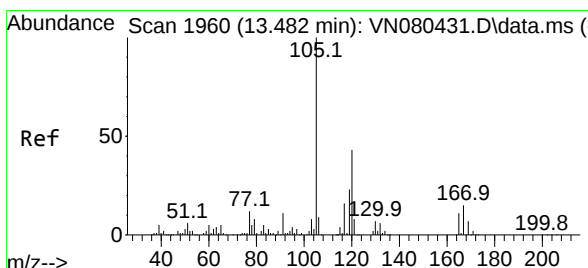
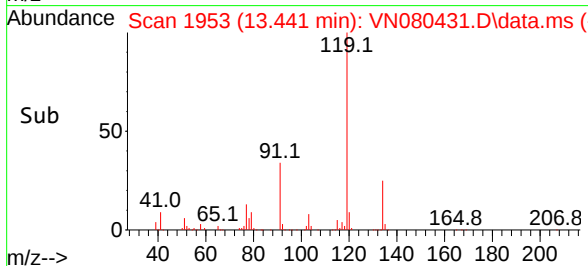
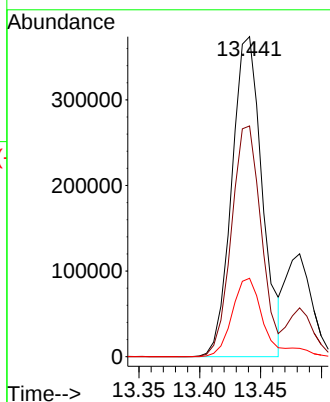
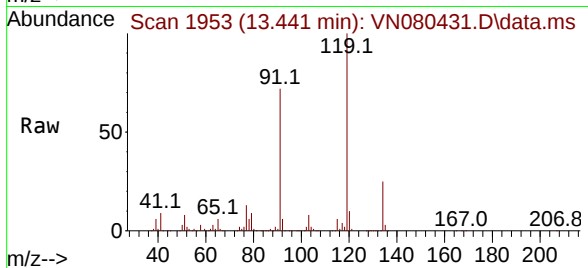
#83
tert-Butylbenzene
Concen: 52.263 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 65094
Ion Ratio Lower Upper
119 100
91 70.6 33.9 101.7
134 25.9 13.2 39.6

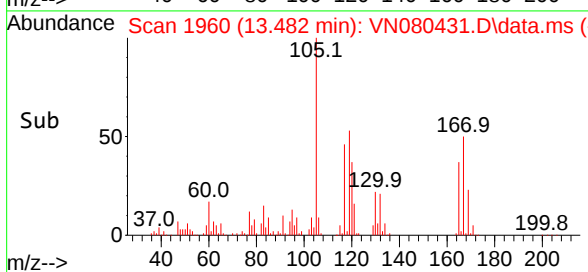
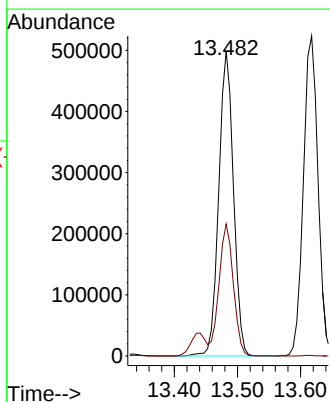
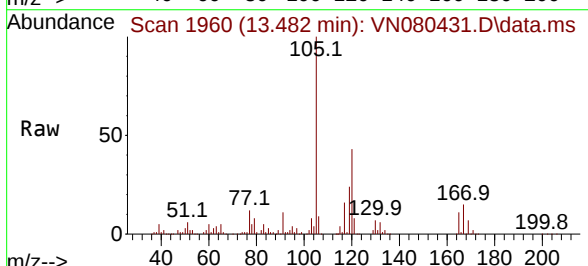
Manual Integrations
APPROVED

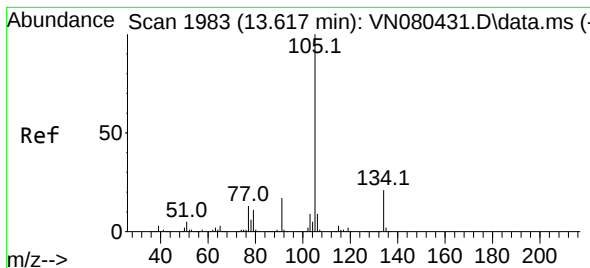
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.210 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:105 Resp: 805060
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.675 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 839250

Ion Ratio Lower Upper

105 100

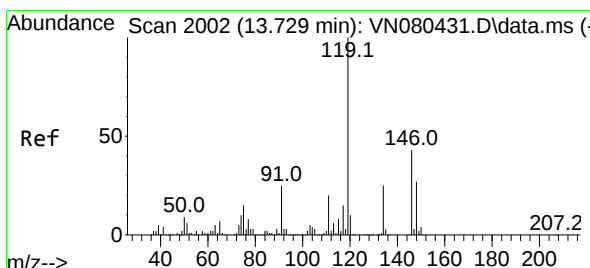
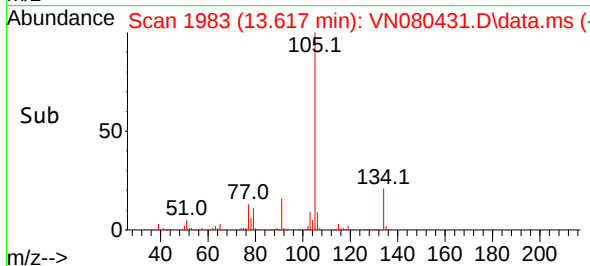
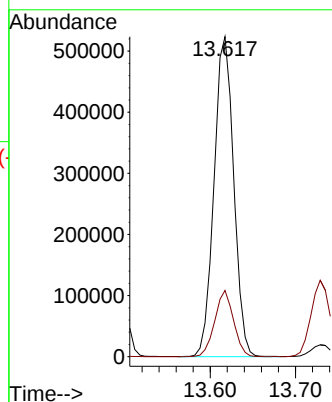
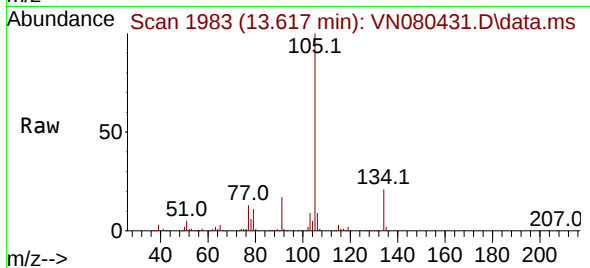
134 19.8 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#86

p-Isopropyltoluene

Concen: 54.224 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080431.D

Acq: 12 Dec 2023 10:33

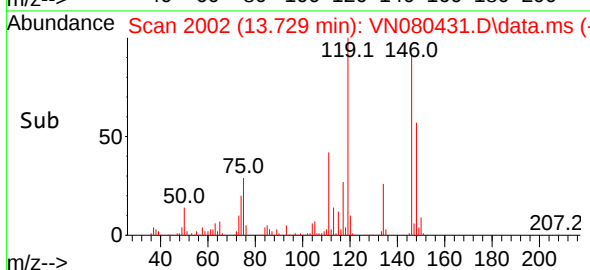
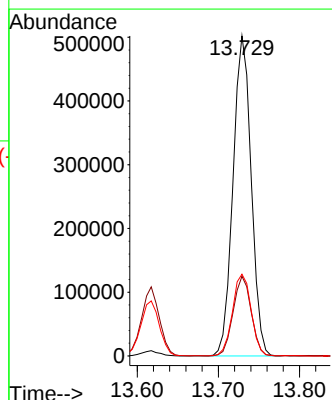
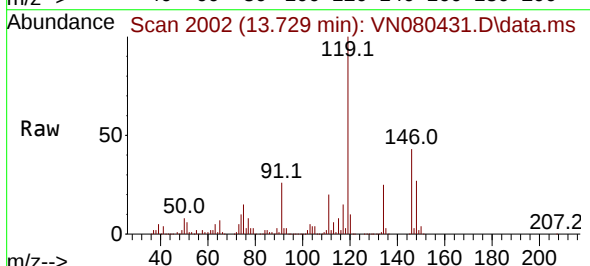
Tgt Ion:119 Resp: 780072

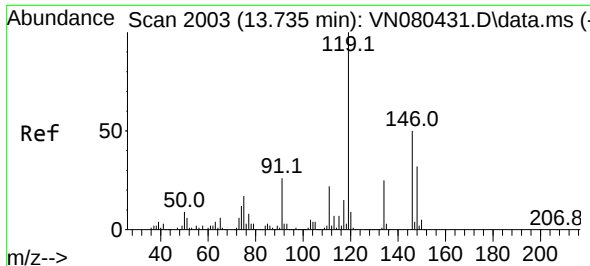
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 26.1 12.4 37.2





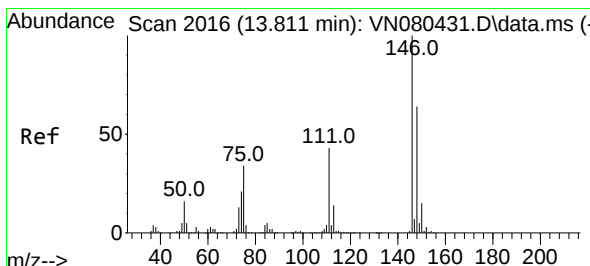
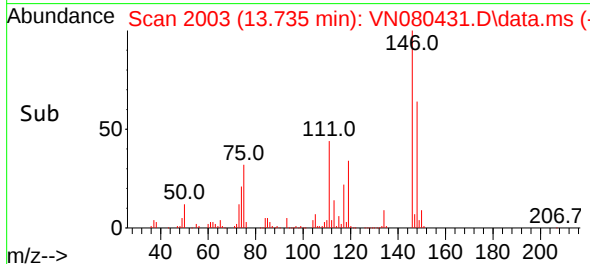
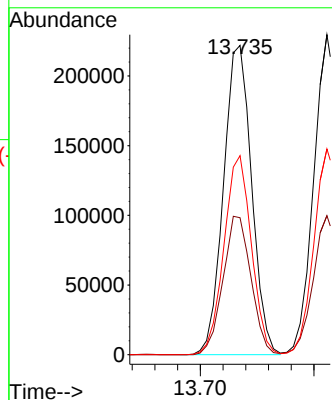
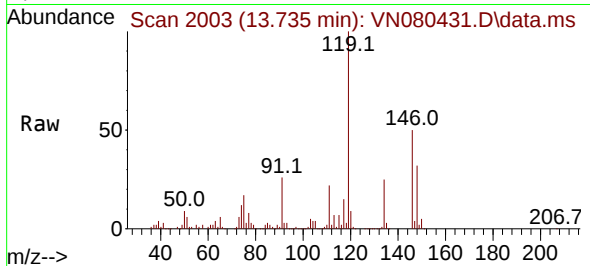
#87
1,3-Dichlorobenzene
Concen: 49.875 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 38172
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 62.8 32.0 96.0

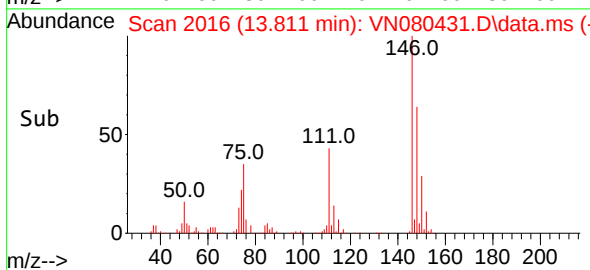
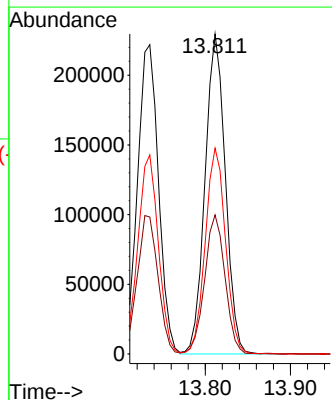
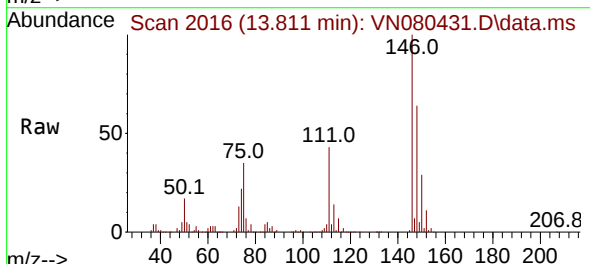
Manual Integrations
APPROVED

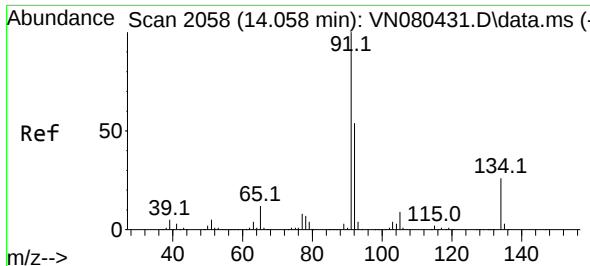
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 49.152 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:146 Resp: 379739
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.8
148 64.5 31.6 94.8





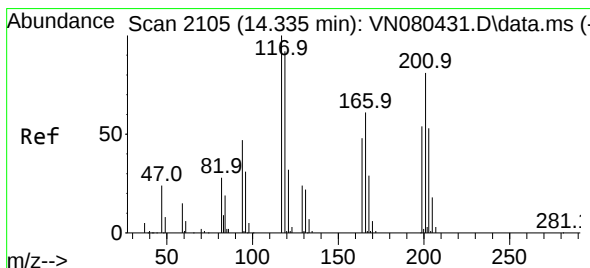
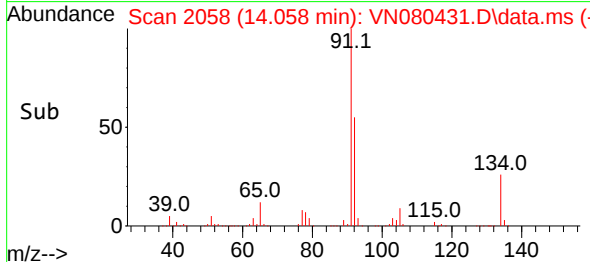
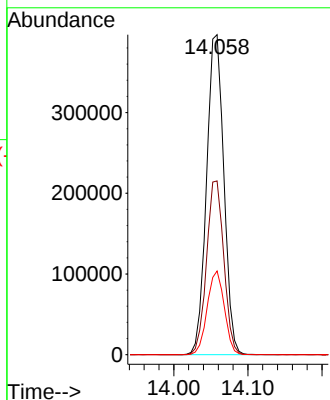
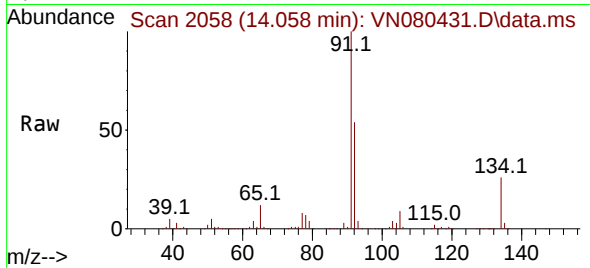
#89
n-Butylbenzene
Concen: 53.479 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 64249
Ion Ratio Lower Upper
91 100
92 54.2 26.4 79.0
134 25.9 12.6 37.6

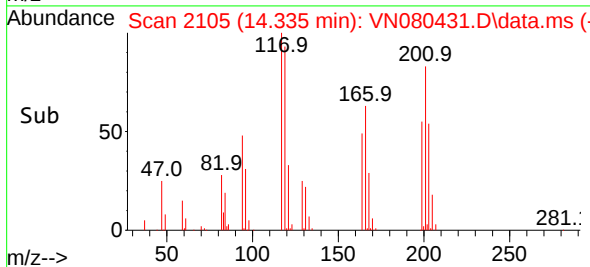
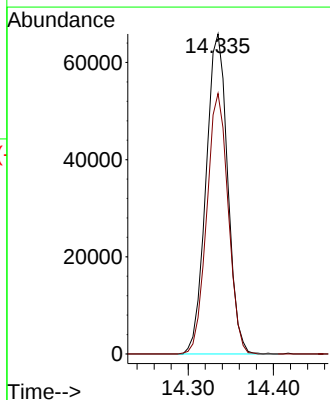
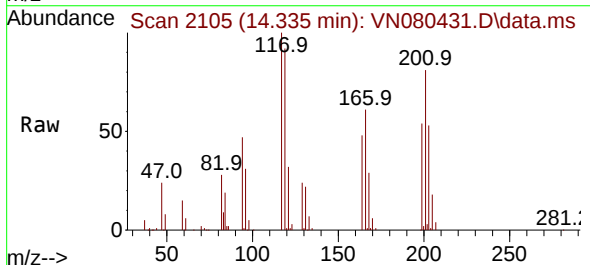
Manual Integrations
APPROVED

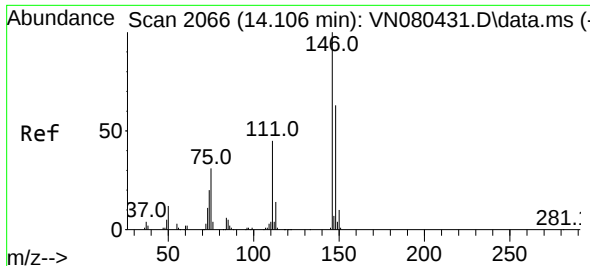
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 50.846 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:117 Resp: 116168
Ion Ratio Lower Upper
117 100
201 80.5 29.3 88.0





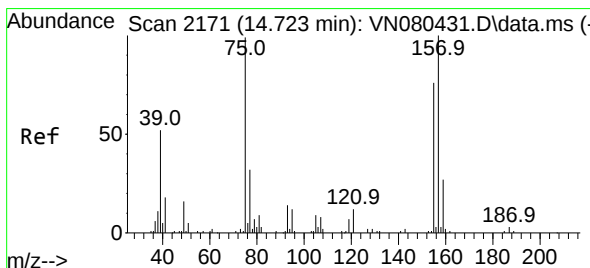
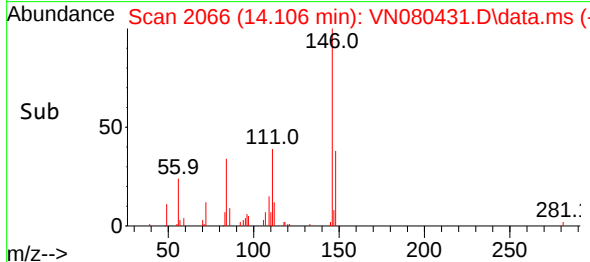
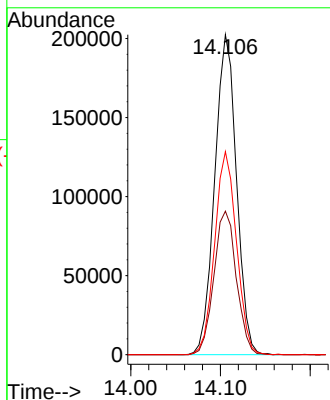
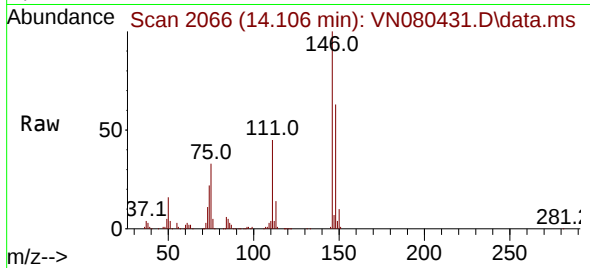
#91
1,2-Dichlorobenzene
Concen: 46.916 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 340969
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 63.6 31.8 95.3

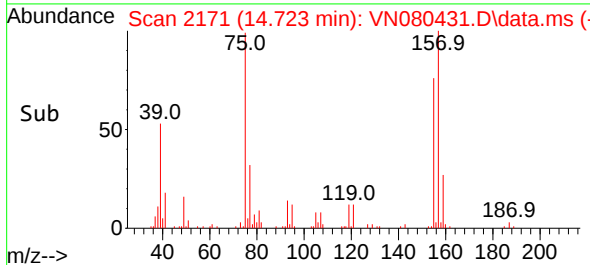
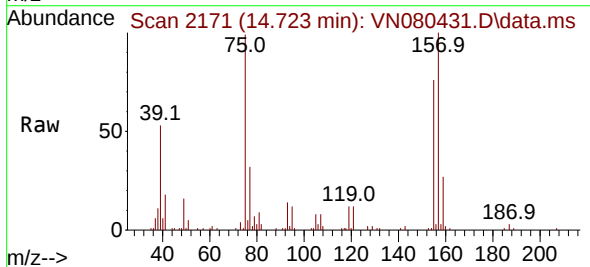
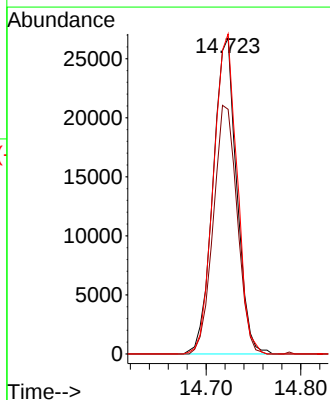
Manual Integrations
APPROVED

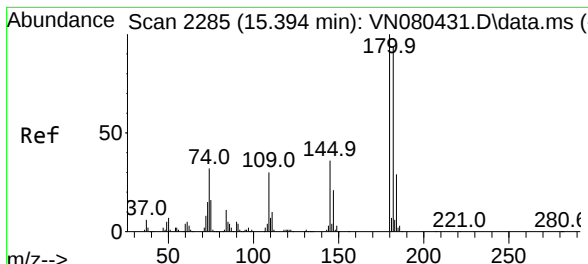
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.486 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

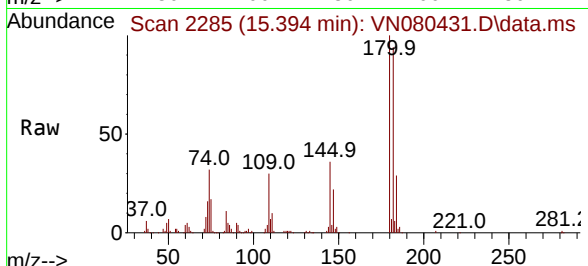
Tgt Ion: 75 Resp: 46267
Ion Ratio Lower Upper
75 100
155 79.7 39.1 117.2
157 101.0 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 49.311 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33

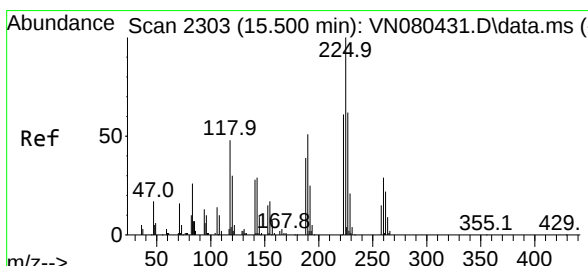
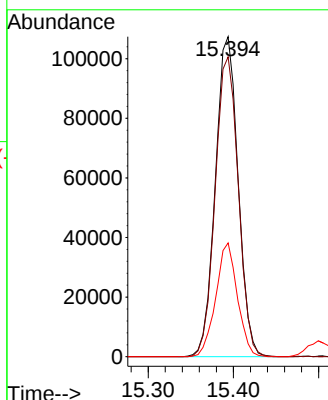
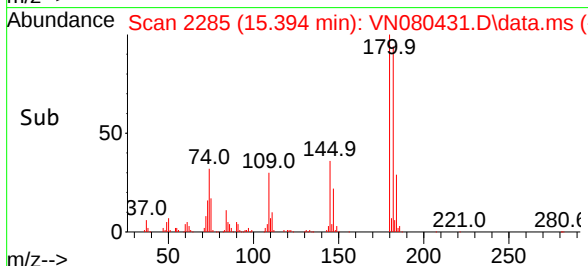
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



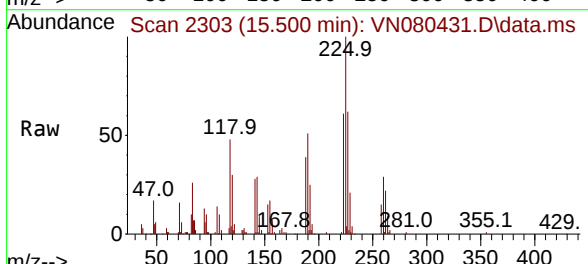
Tgt Ion:180 Resp: 198978
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.1 138.2
 145 33.8 16.6 49.8

Manual Integrations
 APPROVED

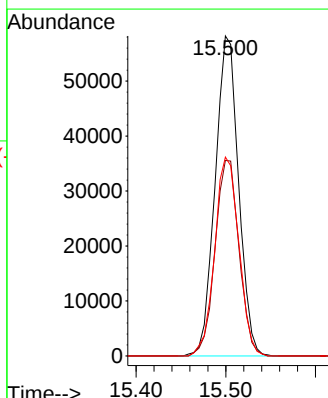
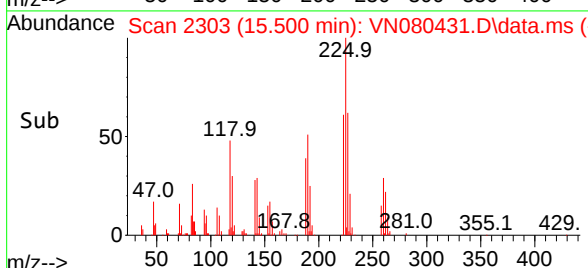
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

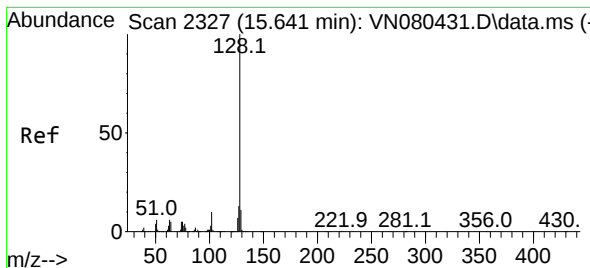


#94
 Hexachlorobutadiene
 Concen: 45.912 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080431.D
 Acq: 12 Dec 2023 10:33



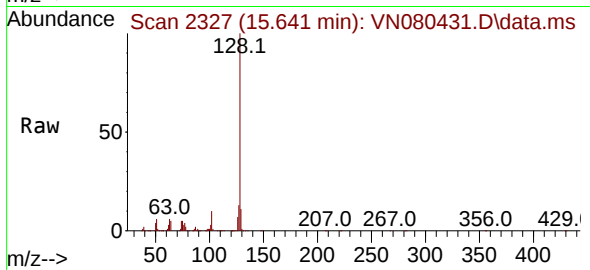
Tgt Ion:225 Resp: 105469
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 64.0 31.9 95.9





#95
Naphthalene
Concen: 49.346 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

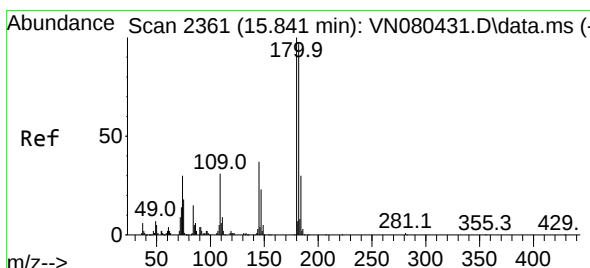
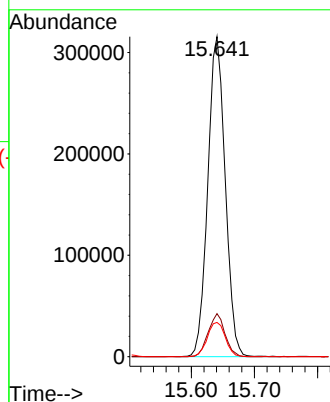
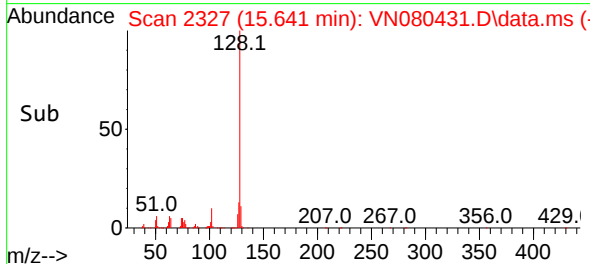
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 60464
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.694 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080431.D
Acq: 12 Dec 2023 10:33

Tgt Ion:180 Resp: 193503
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 36.9 17.5 52.6

