

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080450.D
 Acq On : 13 Dec 2023 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 04:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	480210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	420565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	205120	51.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.165	113	159958	52.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	583018	51.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.853	95	215951	50.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	191090	48.263	ug/l	97
3) Chloromethane	2.359	50	180796	43.178	ug/l	96
4) Vinyl Chloride	2.518	62	150921	44.634	ug/l	100
5) Bromomethane	2.953	94	68866	45.174	ug/l	96
6) Chloroethane	3.124	64	95084	43.762	ug/l	99
7) Trichlorofluoromethane	3.500	101	326954	47.674	ug/l	95
8) Diethyl Ether	3.953	74	95636	44.272	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	154193	47.435	ug/l	96
10) Methyl Iodide	4.583	142	117842	41.215	ug/l	91
11) Tert butyl alcohol	5.500	59	98590	211.544	ug/l	100
12) 1,1-Dichloroethene	4.336	96	151943	45.619	ug/l	94
13) Acrolein	4.171	56	107235	210.105	ug/l	98
14) Allyl chloride	5.018	41	180585	43.822	ug/l	94
15) Acrylonitrile	5.712	53	297510	225.926	ug/l	99
16) Acetone	4.418	43	187111	266.670	ug/l	97
17) Carbon Disulfide	4.706	76	406891	43.106	ug/l	98
18) Methyl Acetate	5.018	43	205852	45.595	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	522980	47.063	ug/l	99
20) Methylene Chloride	5.271	84	167412	44.584	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	165129	45.723	ug/l	85
22) Diisopropyl ether	6.665	45	413635	46.507	ug/l	94
23) Vinyl Acetate	6.600	43	1146287	224.399	ug/l	96
24) 1,1-Dichloroethane	6.565	63	291939	47.046	ug/l	99
25) 2-Butanone	7.477	43	320174	236.870	ug/l	92
26) 2,2-Dichloropropane	7.488	77	296544	46.734	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	188294	46.061	ug/l	90
28) Bromochloromethane	7.812	49	117120	49.157	ug/l	97
29) Tetrahydrofuran	7.835	42	213798	220.885	ug/l	93
30) Chloroform	7.965	83	322416	46.808	ug/l	97
31) Cyclohexane	8.259	56	235035	43.676	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	318806	47.271	ug/l	99
36) 1,1-Dichloropropene	8.371	75	238473	47.902	ug/l	96
37) Ethyl Acetate	7.559	43	138163	44.320	ug/l	98
38) Carbon Tetrachloride	8.365	117	288545	48.507	ug/l	99
39) Methylcyclohexane	9.600	83	238737	46.162	ug/l	92
40) Benzene	8.606	78	664309	46.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79609	44.295	ug/l	97
42) 1,2-Dichloroethane	8.671	62	259318	48.712	ug/l	97
43) Isopropyl Acetate	8.688	43	252482	45.044	ug/l	97
44) Trichloroethene	9.353	130	175391	45.257	ug/l	99
45) 1,2-Dichloropropane	9.623	63	155801	46.144	ug/l	98
46) Dibromomethane	9.712	93	115480	47.626	ug/l	91
47) Bromodichloromethane	9.888	83	258613	49.766	ug/l	99
48) Methyl methacrylate	9.682	41	151561	45.310	ug/l	90
49) 1,4-Dioxane	9.688	88	42483	837.921	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	697118	225.821	ug/l	100
52) Toluene	10.629	92	426918	47.009	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	265114	47.152	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	285339	47.480	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	150261	45.983	ug/l	99
56) Ethyl methacrylate	10.876	69	168204	46.493	ug/l	92
57) 1,3-Dichloropropane	11.165	76	265459	46.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	545620	238.893	ug/l	99
59) 2-Hexanone	11.194	43	499039	218.973	ug/l	100
60) Dibromochloromethane	11.359	129	189069	48.828	ug/l	100
61) 1,2-Dibromoethane	11.470	107	154784	45.766	ug/l	99
64) Tetrachloroethene	11.106	164	149415	46.014	ug/l	98
65) Chlorobenzene	11.894	112	442576	47.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	176246	48.011	ug/l	94
67) Ethyl Benzene	11.964	91	820369	47.689	ug/l	96
68) m/p-Xylenes	12.070	106	603594	94.954	ug/l	89
69) o-Xylene	12.400	106	293099	47.140	ug/l	90
70) Styrene	12.412	104	436564	48.745	ug/l	94
71) Bromoform	12.576	173	121678	45.452	ug/l #	99
73) Isopropylbenzene	12.694	105	771095	49.081	ug/l	99
74) N-amyl acetate	12.494	43	207943	45.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	187013	44.423	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	175735m	45.043	ug/l	
77) Bromobenzene	12.982	156	181126	46.866	ug/l	97
78) n-propylbenzene	13.035	91	855859	49.409	ug/l	99
79) 2-Chlorotoluene	13.123	91	541145	47.852	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	656907	48.549	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	66147	44.514	ug/l #	78
82) 4-Chlorotoluene	13.223	91	556713	47.894	ug/l	96
83) tert-Butylbenzene	13.441	119	529173	47.754	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	659894	49.024	ug/l	98
85) sec-Butylbenzene	13.617	105	679131	47.910	ug/l	100
86) p-Isopropyltoluene	13.729	119	621080	48.525	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	317850	46.679	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	316709	46.077	ug/l	97
89) n-Butylbenzene	14.058	91	511788	47.882	ug/l	99
90) Hexachloroethane	14.335	117	97122	47.781	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	299502	46.320	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40878	46.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	176071	49.045	ug/l	96
94) Hexachlorobutadiene	15.500	225	91016	44.533	ug/l	99
95) Naphthalene	15.641	128	523388	48.011	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164575	47.505	ug/l	98

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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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MSVOA_N

ClientSampleId :

VSTDCCC050

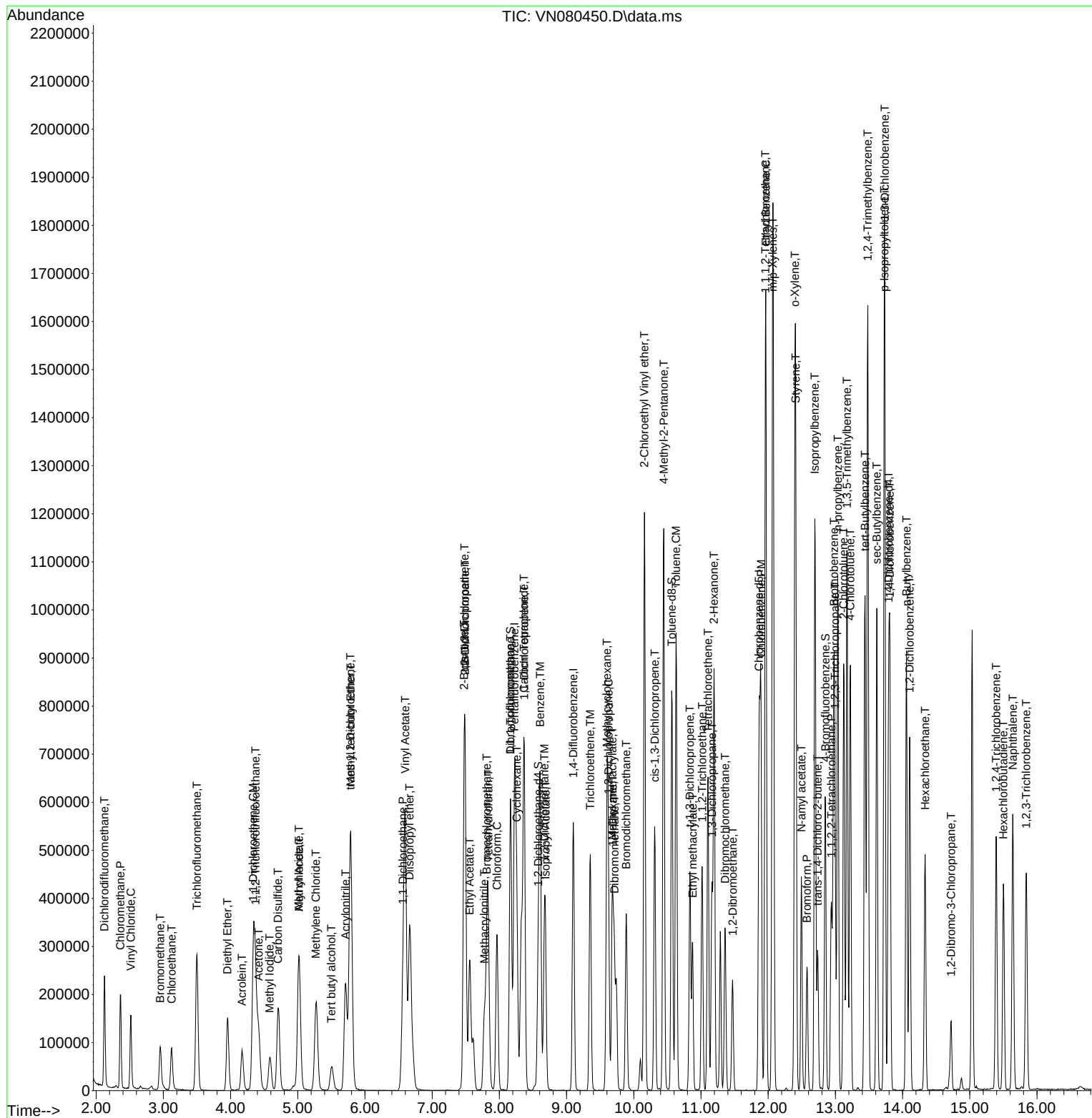
Manual Integrations

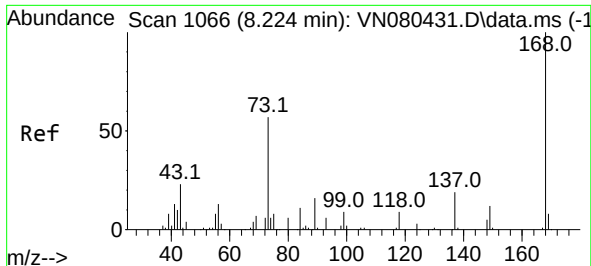
APPROVED

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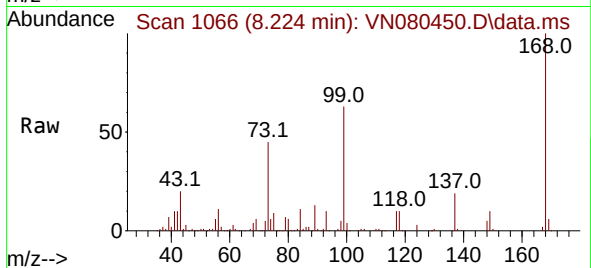
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

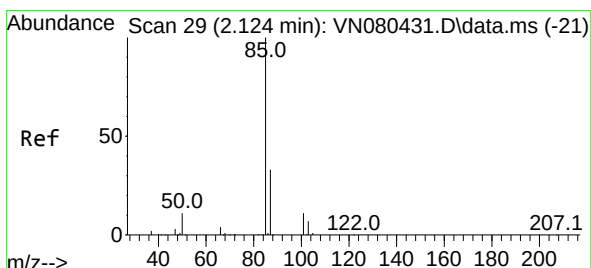
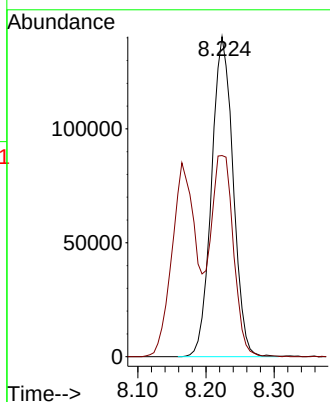
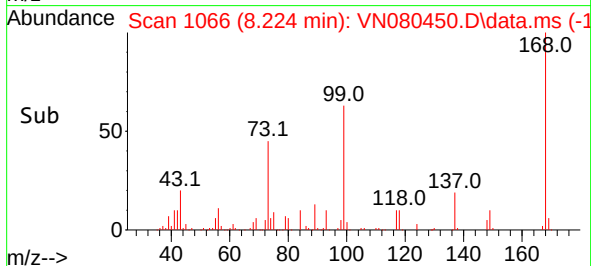
Instrument :
MSVOA_N
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VSTDCCC050



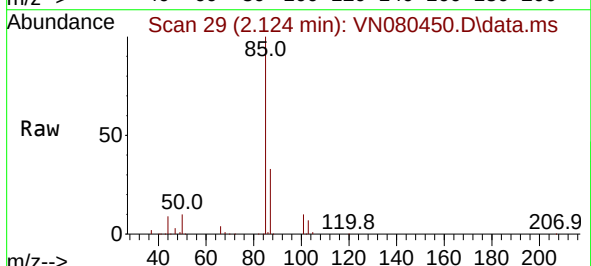
Tgt Ion:168 Resp: 30982
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6

Manual Integrations
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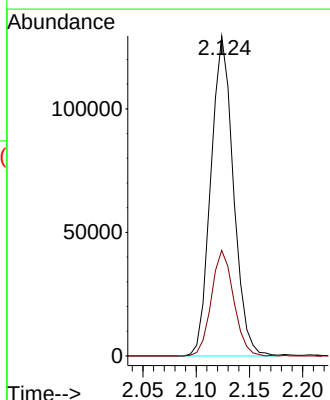
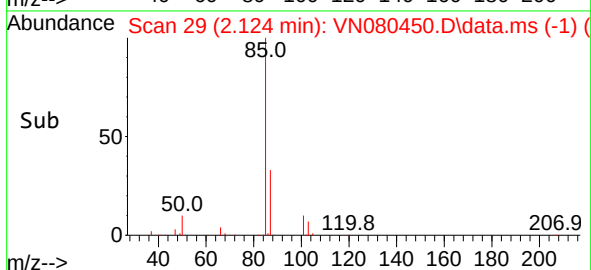
Reviewed By :John Carlone 12/14/2023
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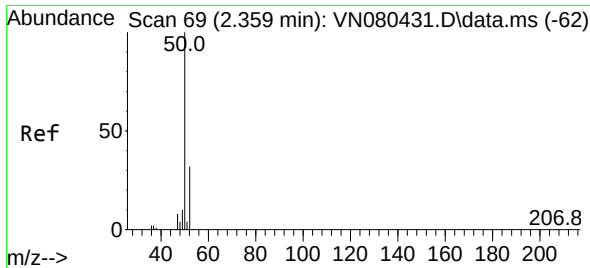


#2
Dichlorodifluoromethane
Concen: 48.263 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



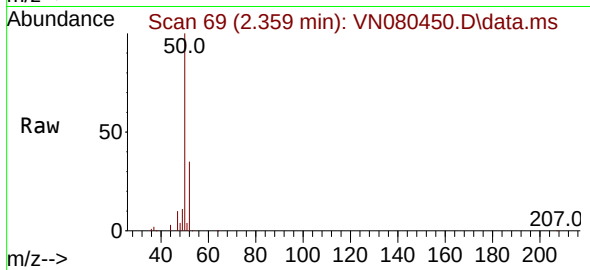
Tgt Ion: 85 Resp: 191090
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 43.178 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

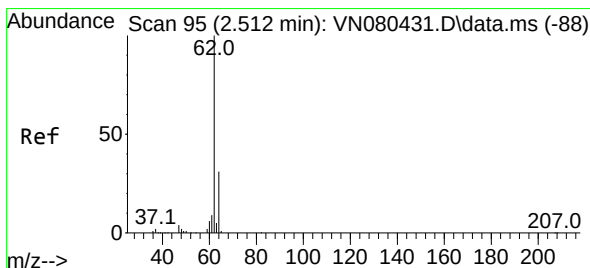
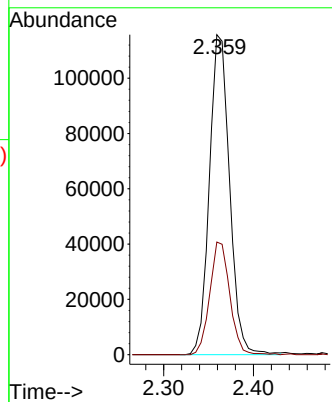
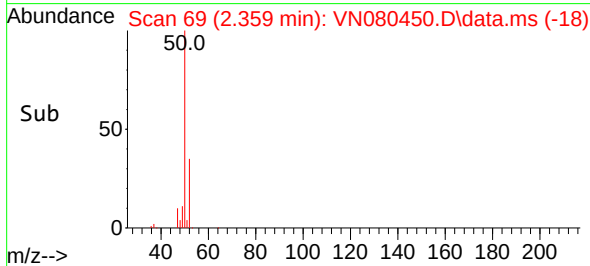
Instrument :
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Tgt Ion: 50 Resp: 180790
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7

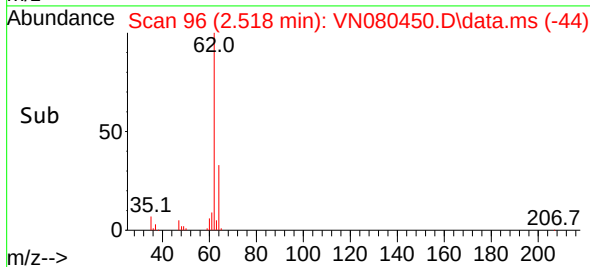
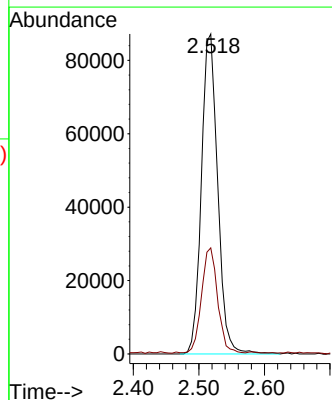
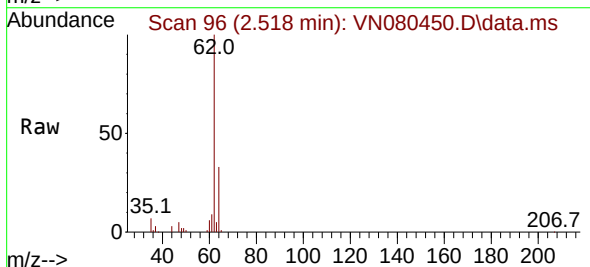
Manual Integrations
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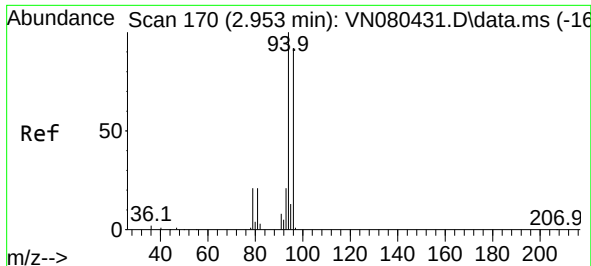
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#4
Vinyl Chloride
Concen: 44.634 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

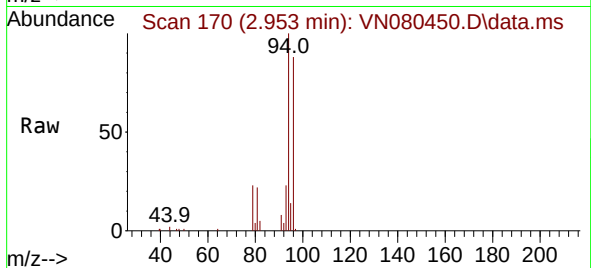
Tgt Ion: 62 Resp: 150921
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 45.174 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

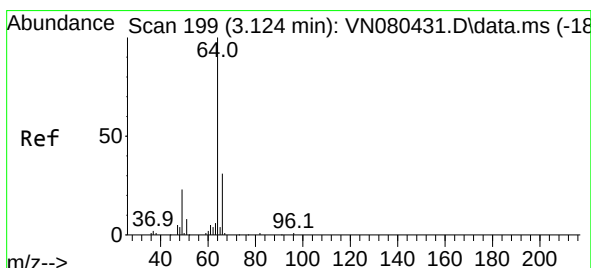
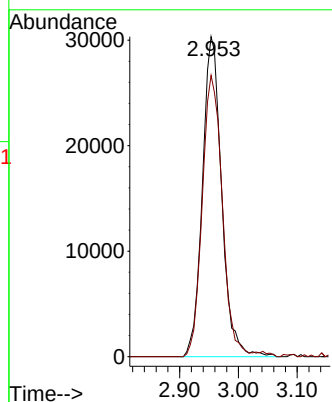
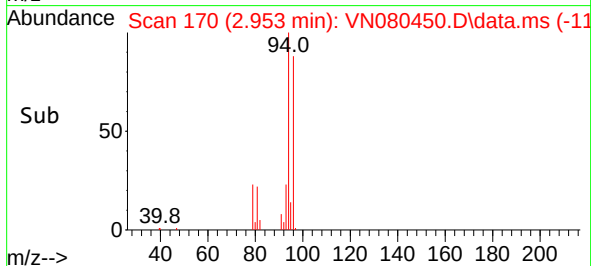
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Tgt Ion: 94 Resp: 6886
Ion Ratio Lower Upper
94 100
96 87.9 73.1 109.7

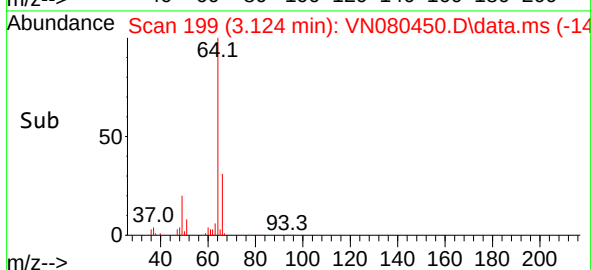
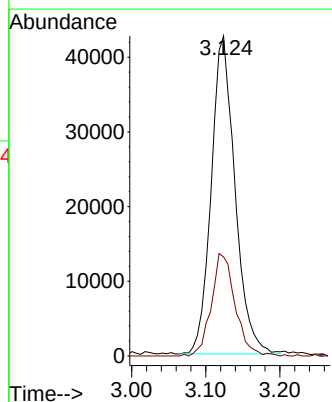
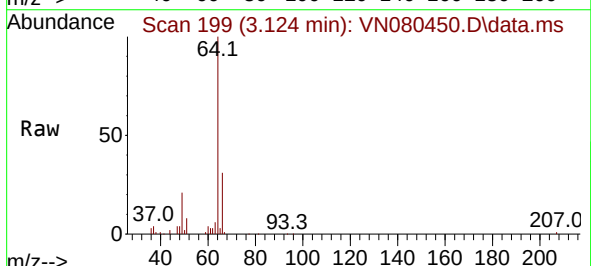
Manual Integrations
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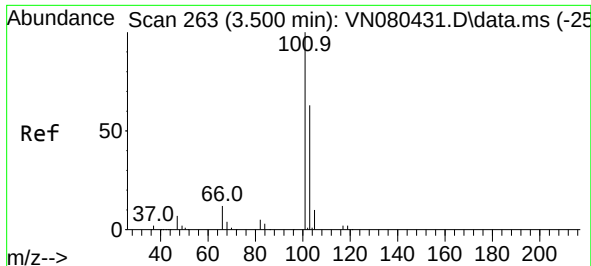
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 43.762 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

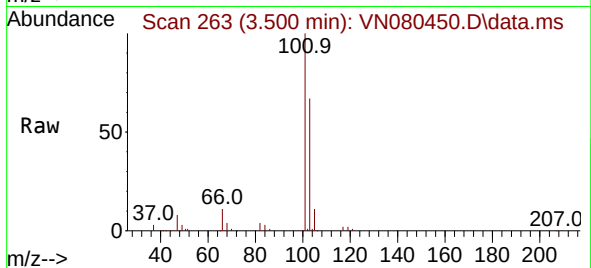
Tgt Ion: 64 Resp: 95084
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 47.674 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

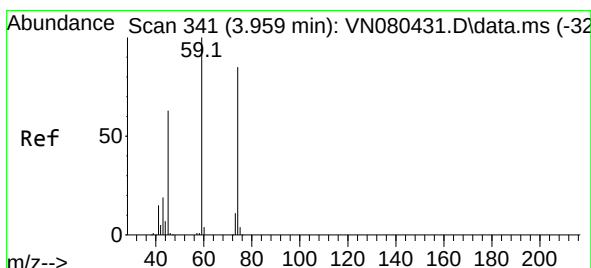
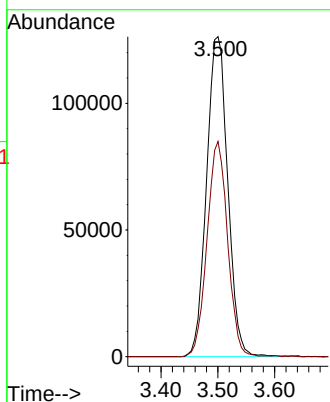
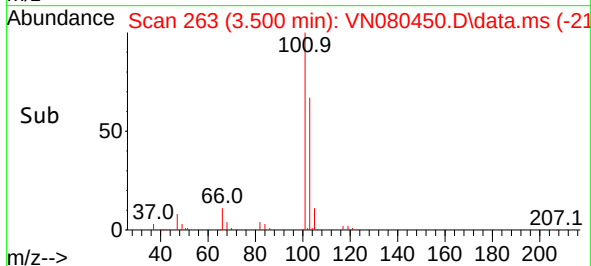
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 326954
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.7 76.1

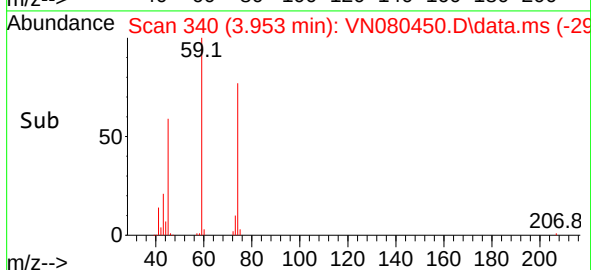
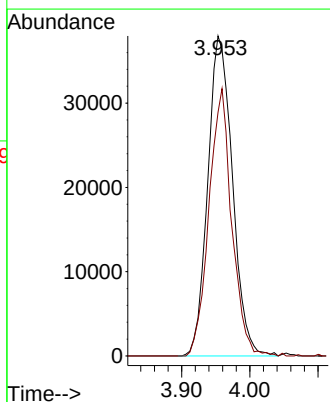
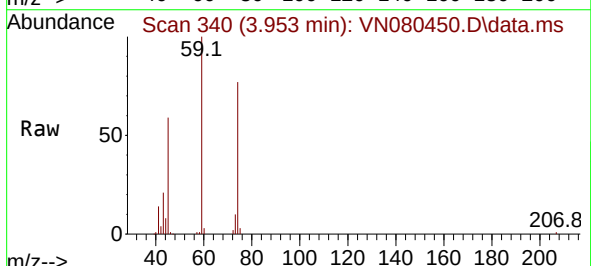
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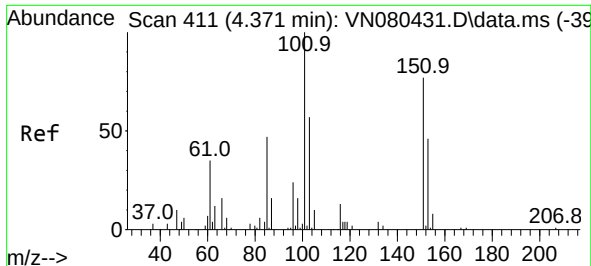
Reviewed By :John Carlone 12/14/2023
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#8
 Diethyl Ether
 Concen: 44.272 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

Tgt Ion: 74 Resp: 95636
 Ion Ratio Lower Upper
 74 100
 45 77.2 34.4 103.3





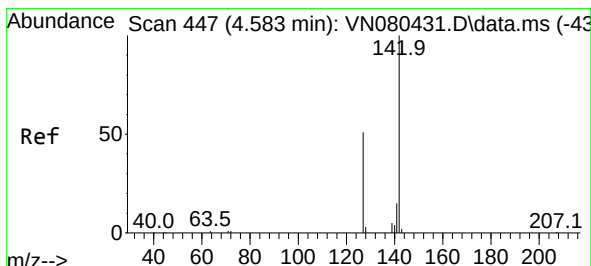
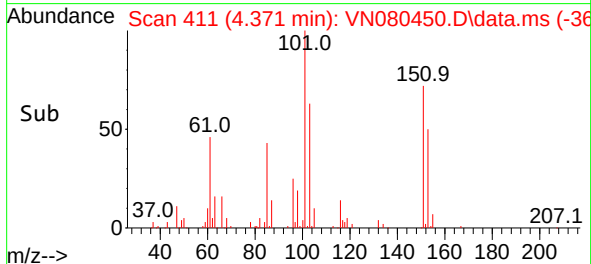
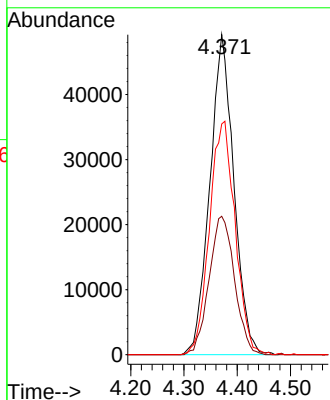
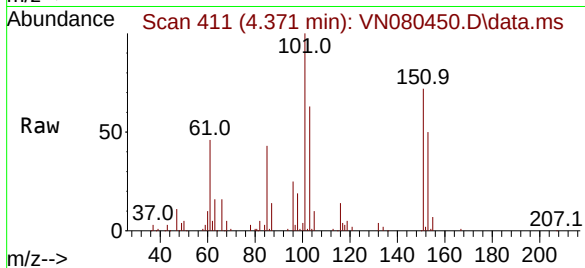
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.435 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15419
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 77.9 57.6 86.4

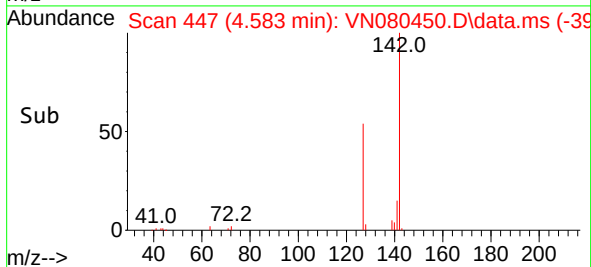
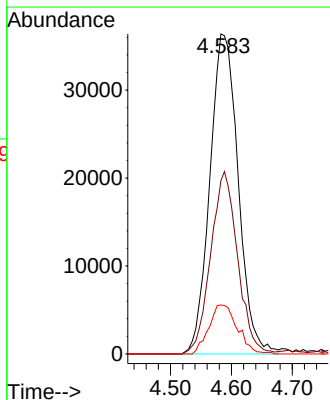
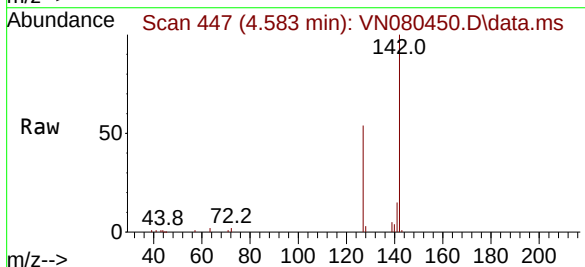
Manual Integrations
APPROVED

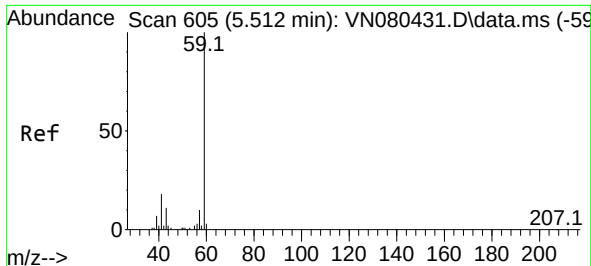
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 41.215 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

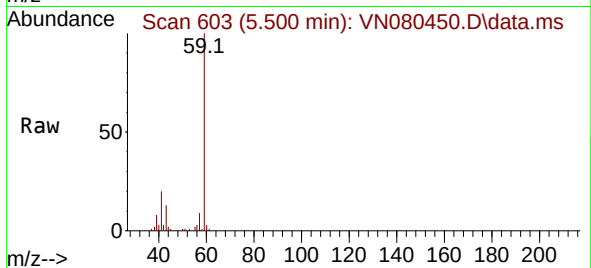
Tgt Ion:142 Resp: 117842
Ion Ratio Lower Upper
142 100
127 54.2 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 211.544 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

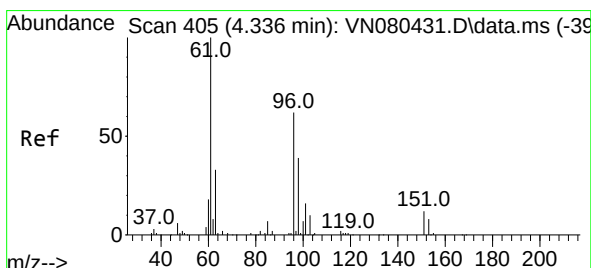
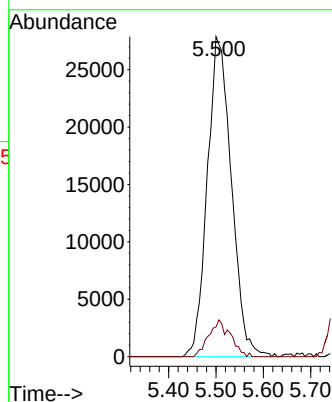
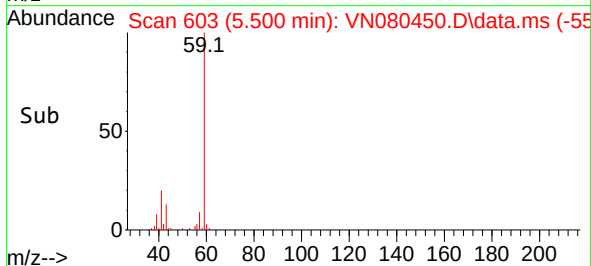
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 98590
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

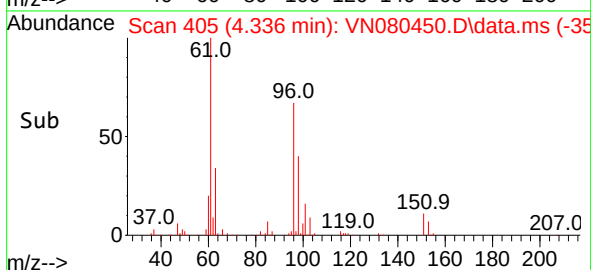
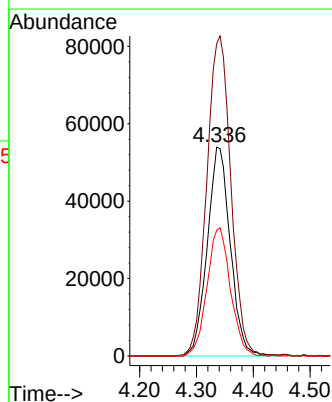
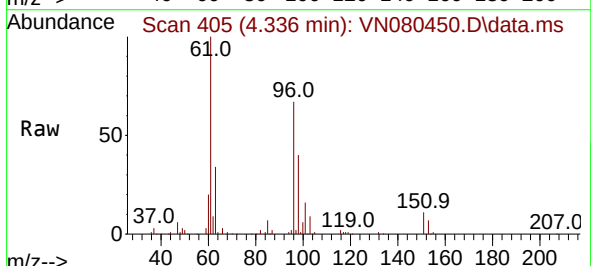
Manual Integrations
APPROVED

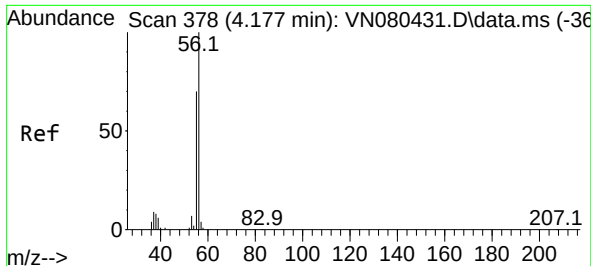
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#12
1,1-Dichloroethene
Concen: 45.619 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

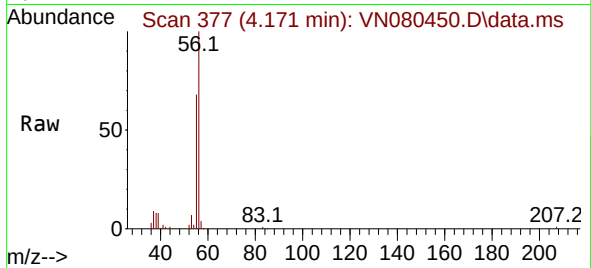
Tgt Ion: 96 Resp: 151943
Ion Ratio Lower Upper
96 100
61 149.1 112.7 169.1
98 60.2 51.2 76.8





#13
Acrolein
Concen: 210.105 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

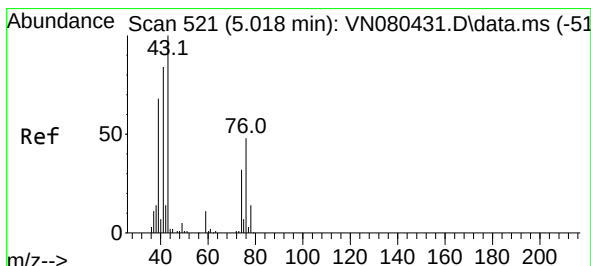
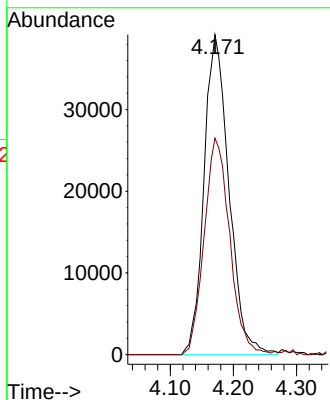
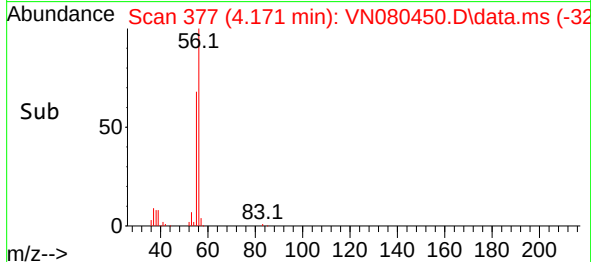
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 107235
Ion Ratio Lower Upper
56 100
55 69.4 54.5 81.7

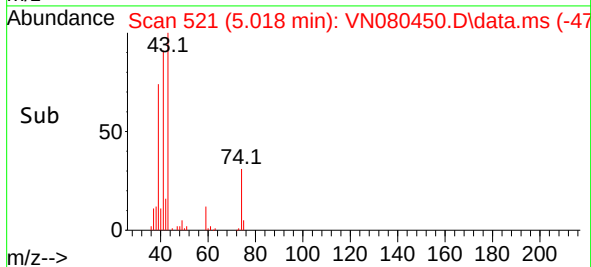
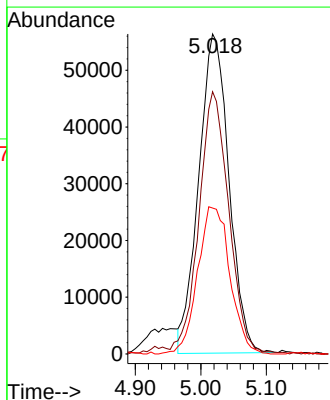
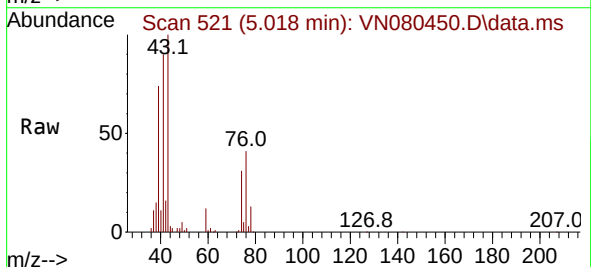
Manual Integrations
APPROVED

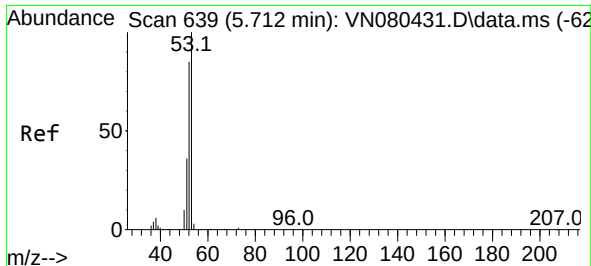
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 43.822 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

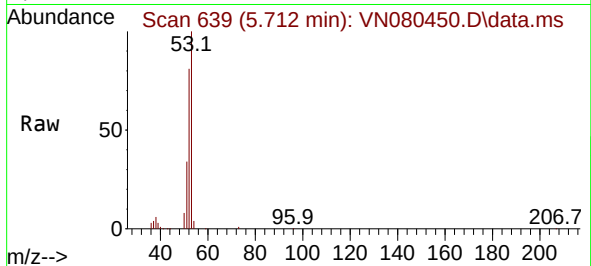
Tgt Ion: 41 Resp: 180585
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 49.2 39.1 58.7





#15
Acrylonitrile
Concen: 225.926 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

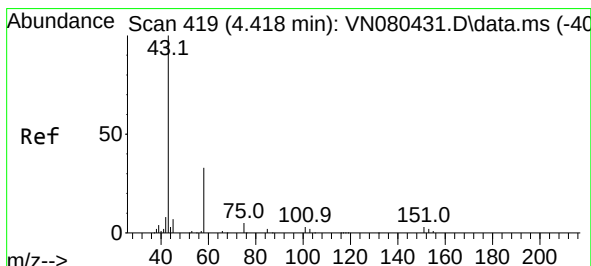
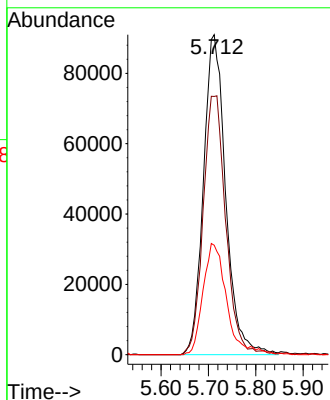
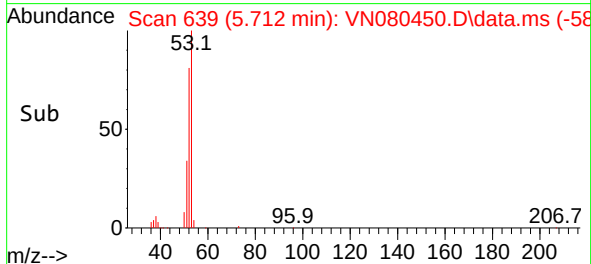
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 297510
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.7 28.9 43.3

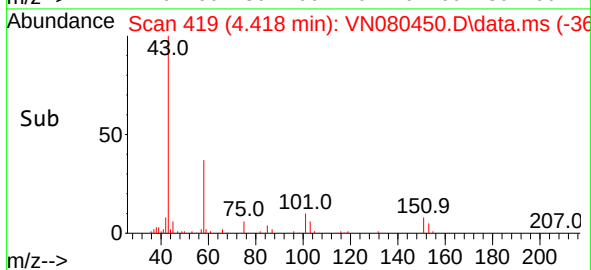
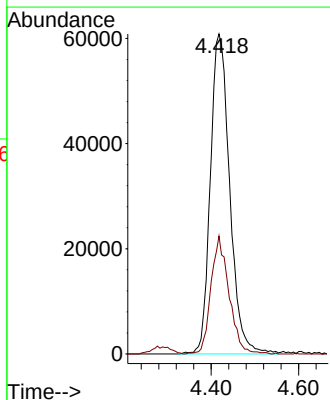
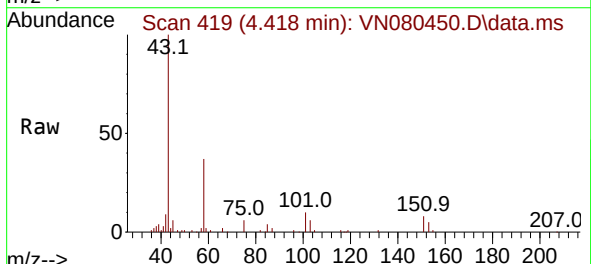
Manual Integrations
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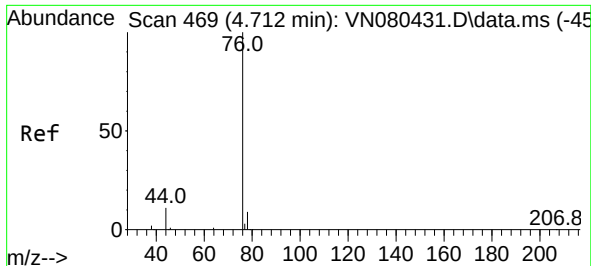
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 266.670 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion: 43 Resp: 187111
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0





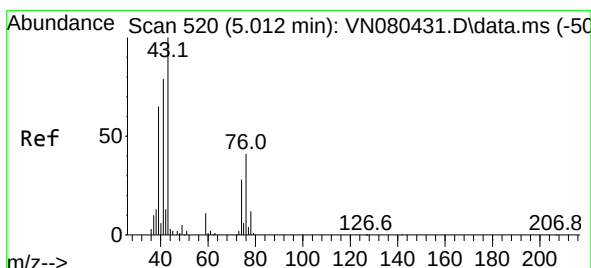
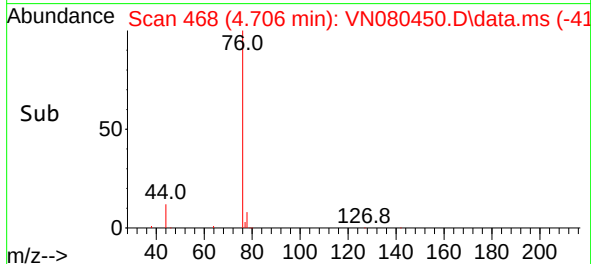
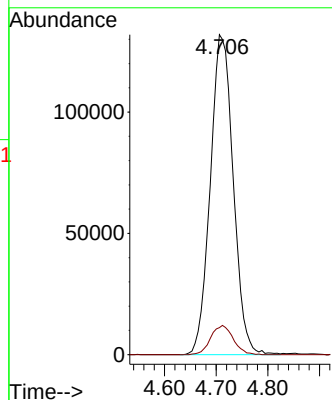
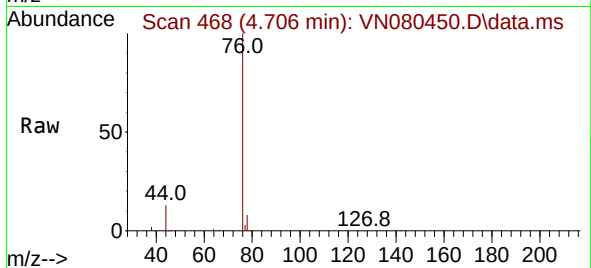
#17
Carbon Disulfide
Concen: 43.106 ug/l
RT: 4.706 min Scan# 40689
Delta R.T. -0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 40689
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

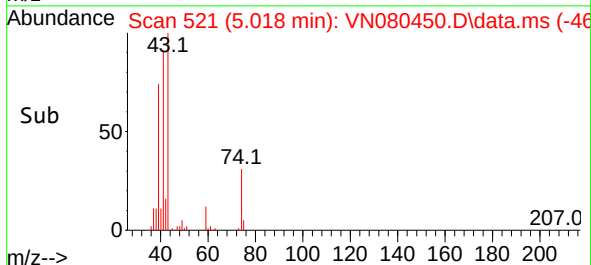
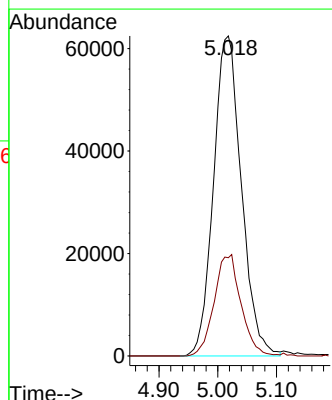
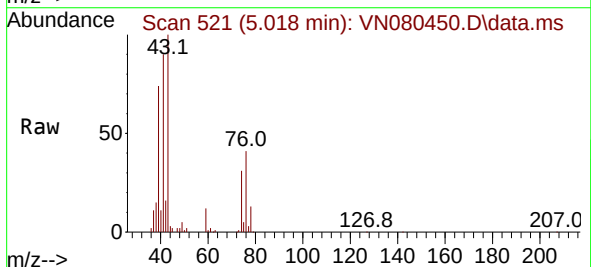
Manual Integrations
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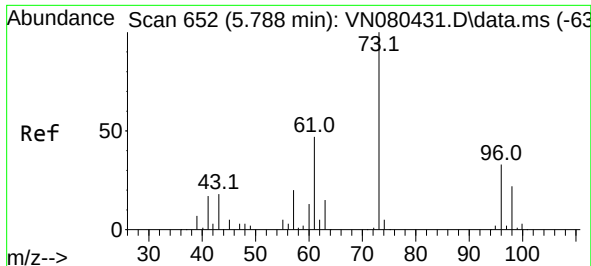
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 45.595 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

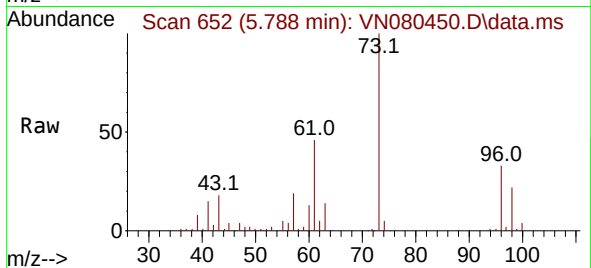
Tgt Ion: 43 Resp: 205852
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 47.063 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

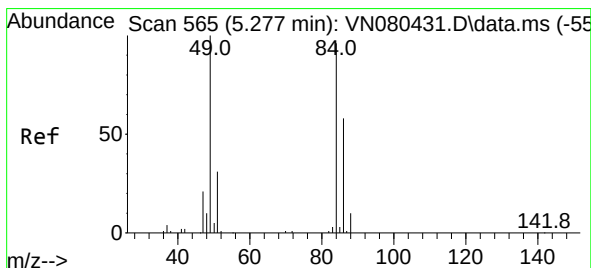
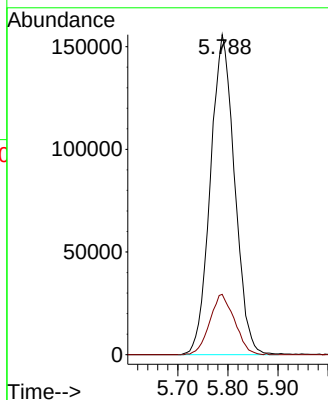
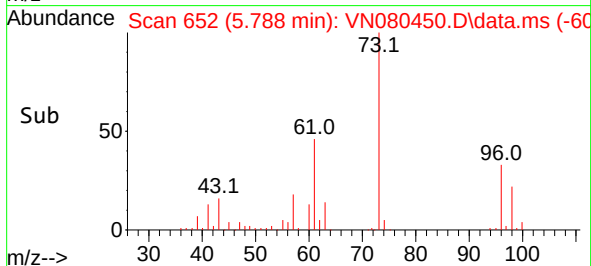
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 522980
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4

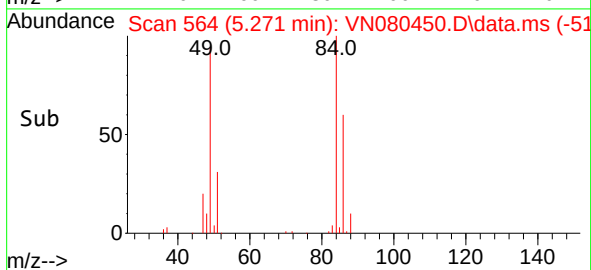
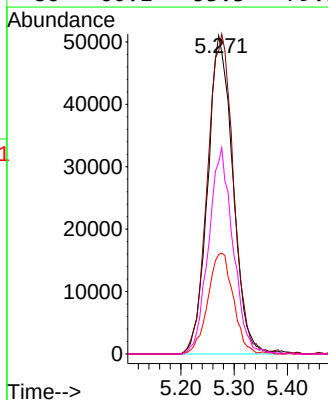
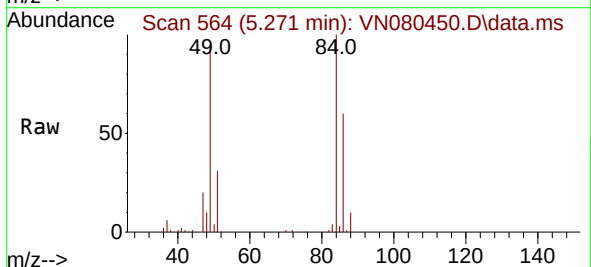
Manual Integrations
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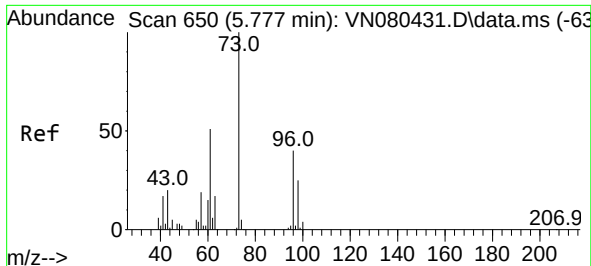
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 44.584 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

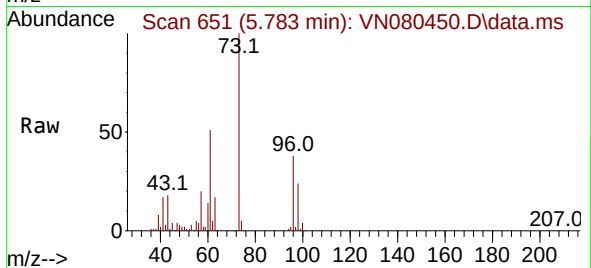
Tgt Ion: 84 Resp: 167412
Ion Ratio Lower Upper
84 100
49 95.3 79.7 119.5
51 31.2 25.2 37.8
86 60.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.723 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

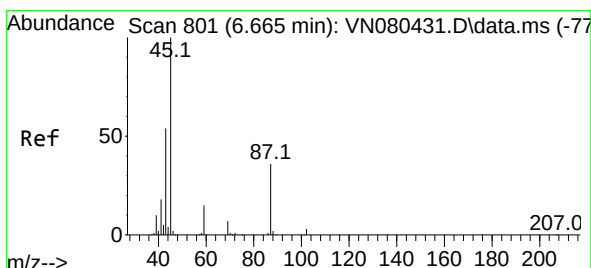
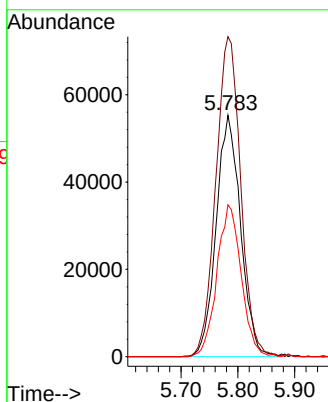
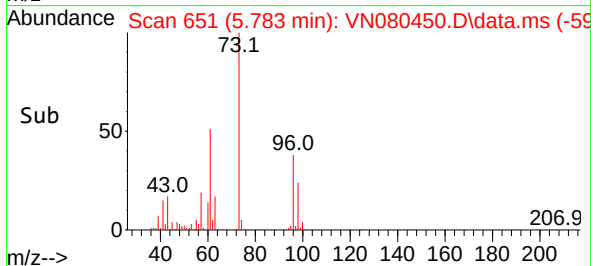
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 165129
Ion Ratio Lower Upper
96 100
61 132.6 90.1 135.1
98 62.9 46.4 69.6

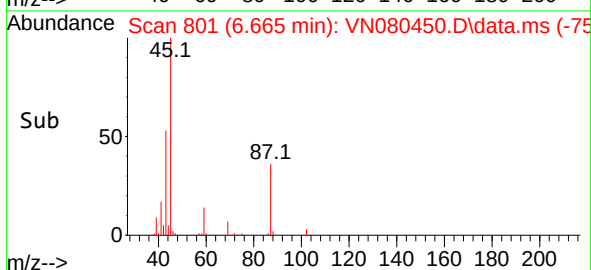
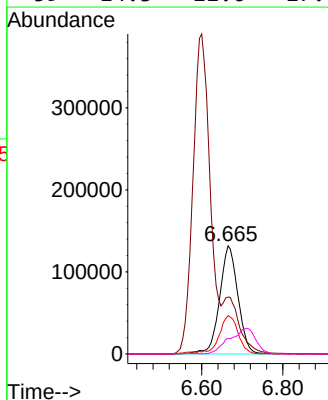
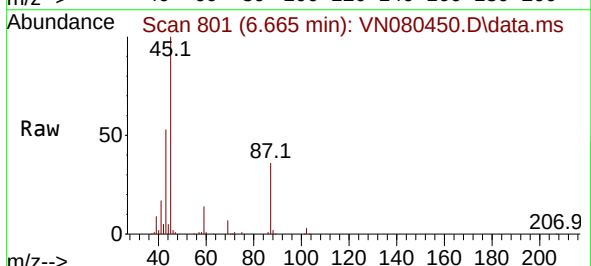
Manual Integrations
APPROVED

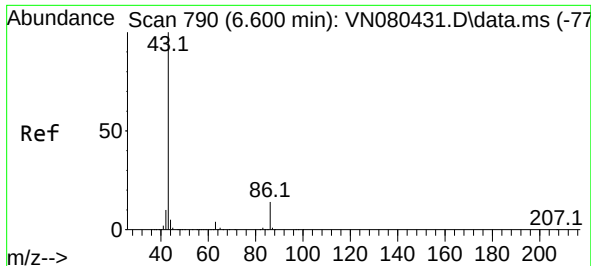
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 46.507 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

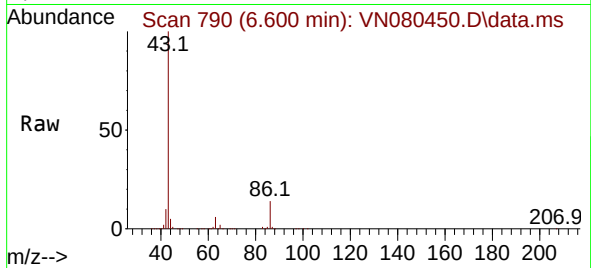
Tgt Ion: 45 Resp: 413635
Ion Ratio Lower Upper
45 100
43 52.0 45.5 68.3
87 35.6 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 224.399 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

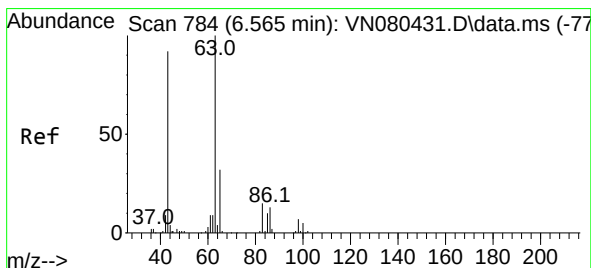
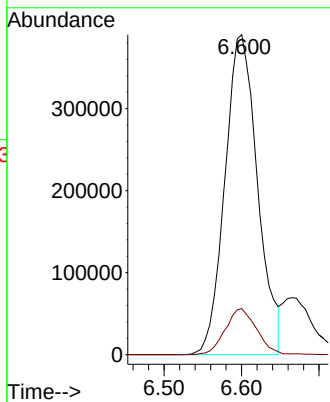
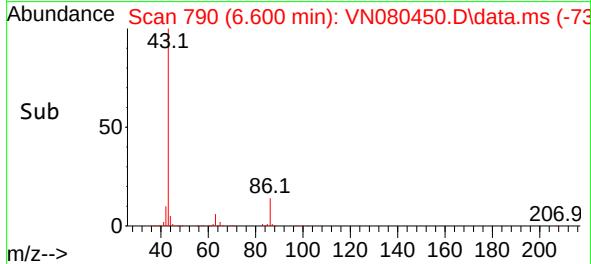
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 114628
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

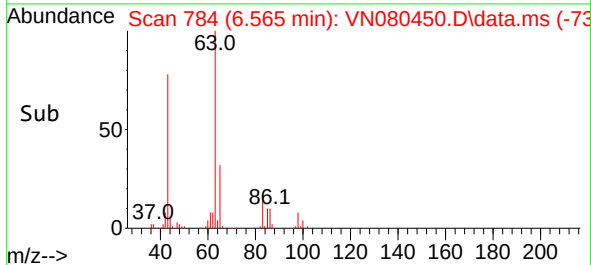
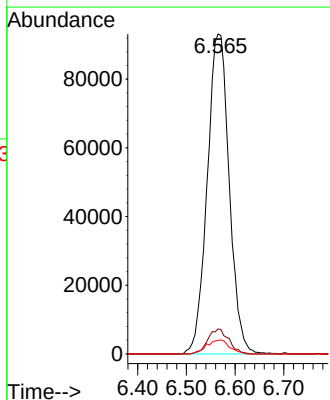
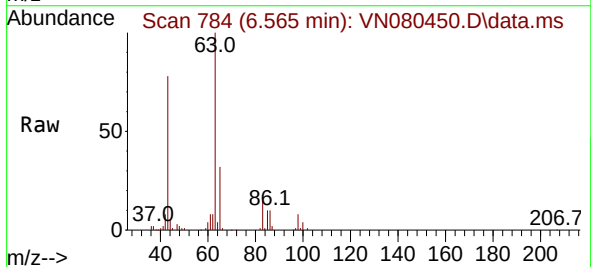
Manual Integrations
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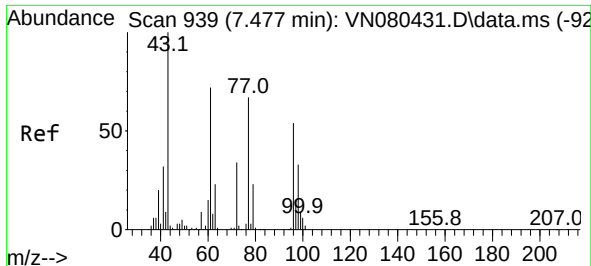
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 47.046 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

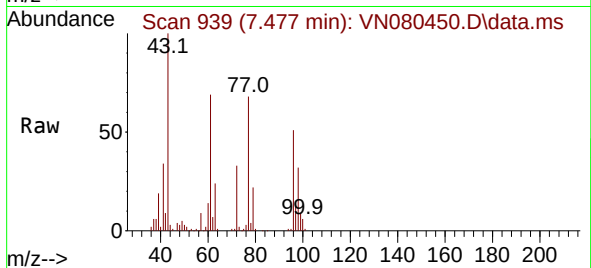
Tgt Ion: 63 Resp: 291939
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 236.870 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

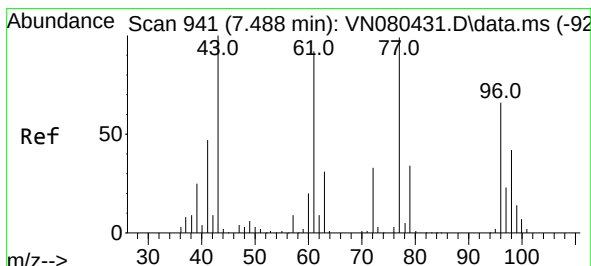
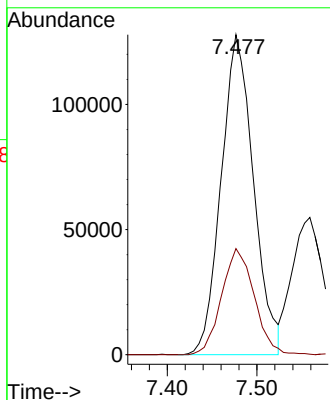
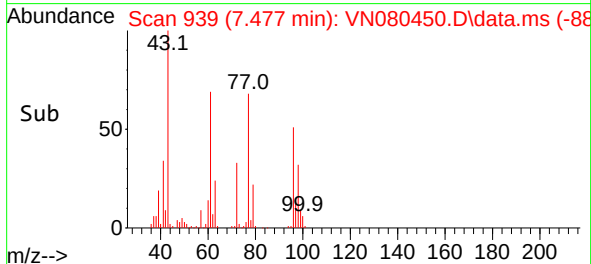
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



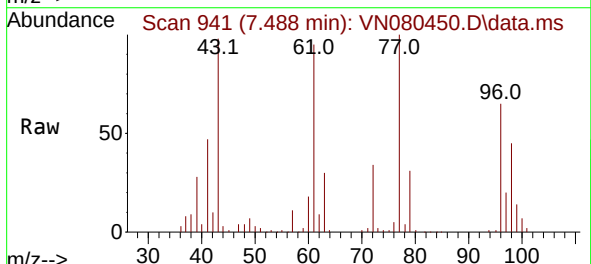
Tgt Ion: 43 Resp: 320174
Ion Ratio Lower Upper
43 100
72 33.2 30.2 45.2

Manual Integrations
APPROVED

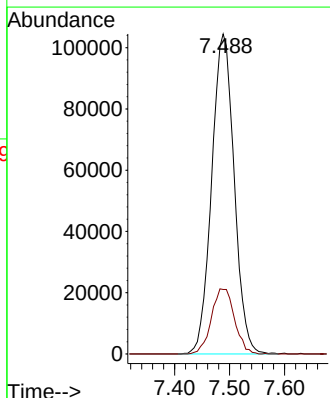
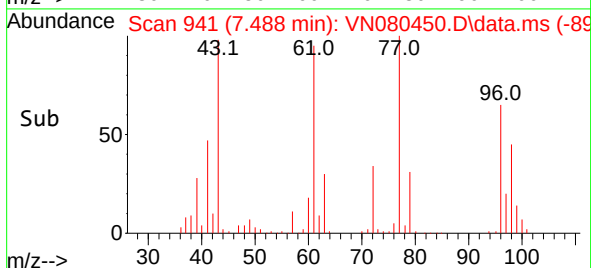
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

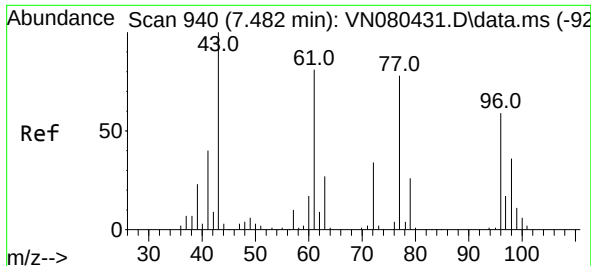


#26
2,2-Dichloropropane
Concen: 46.734 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



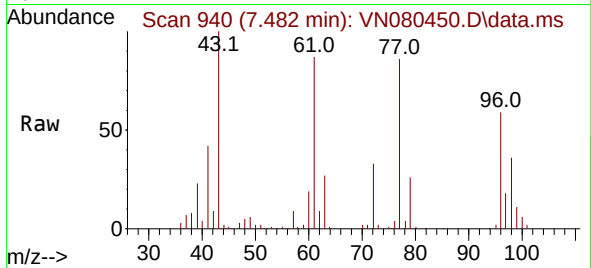
Tgt Ion: 77 Resp: 296544
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.061 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

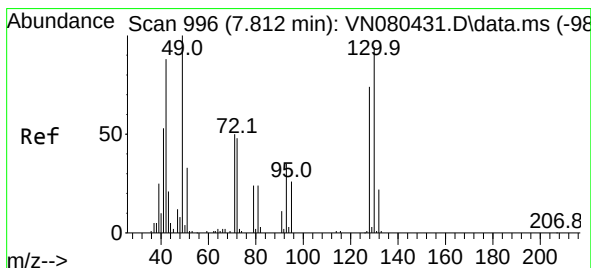
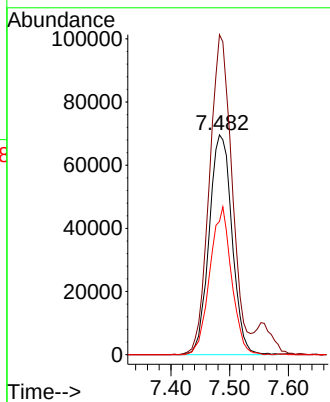
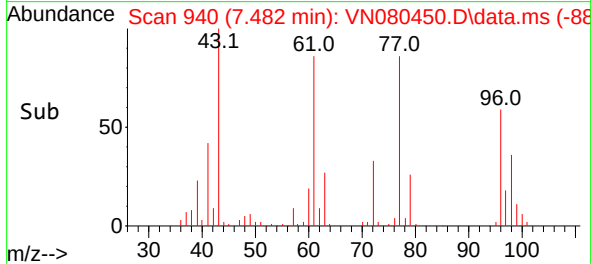
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



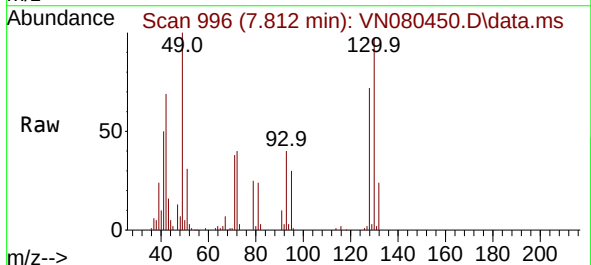
Tgt Ion: 96 Resp: 188294
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 255.2
 98 63.6 0.0 128.8

Manual Integrations
 APPROVED

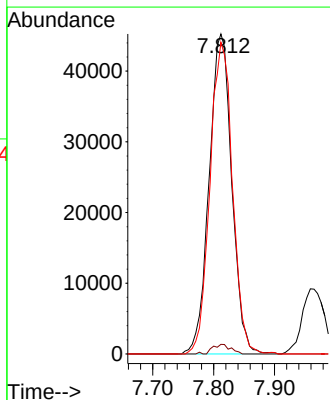
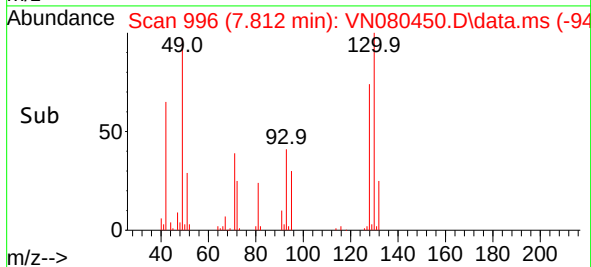
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

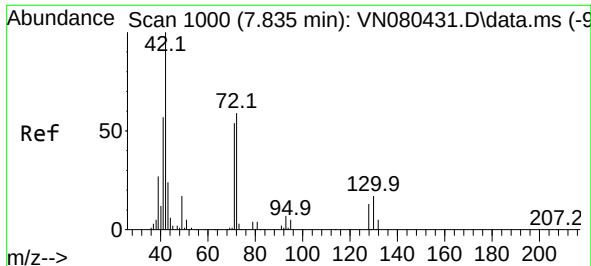


#28
 Bromochloromethane
 Concen: 49.157 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14



Tgt Ion: 49 Resp: 117120
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 96.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 220.885 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 213798

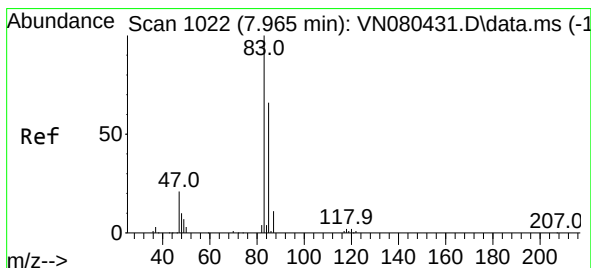
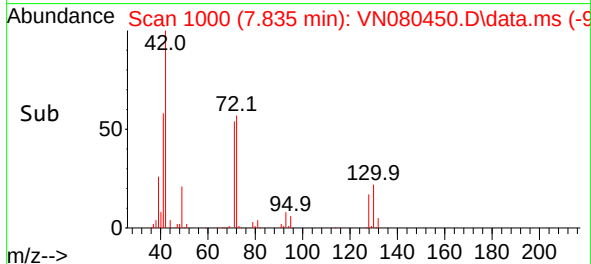
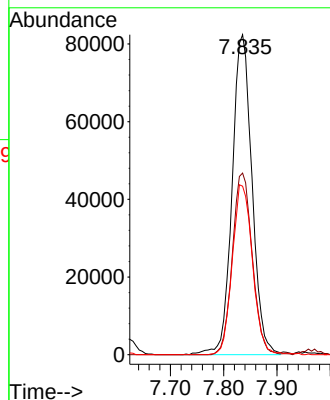
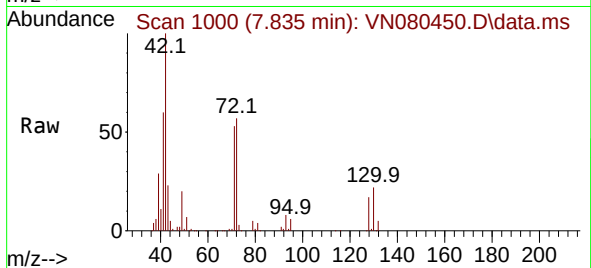
Ion	Ratio	Lower	Upper
42	100		
72	56.9	49.8	74.6
71	54.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 46.808 ug/l

RT: 7.965 min Scan# 1022

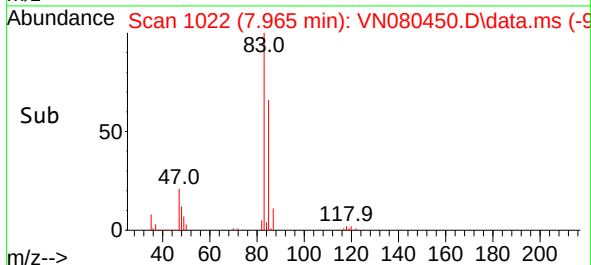
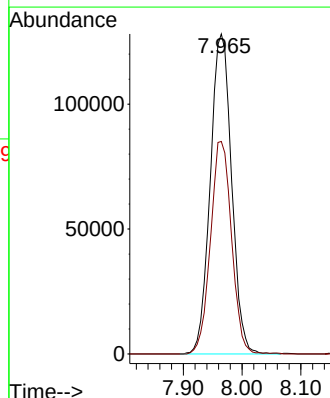
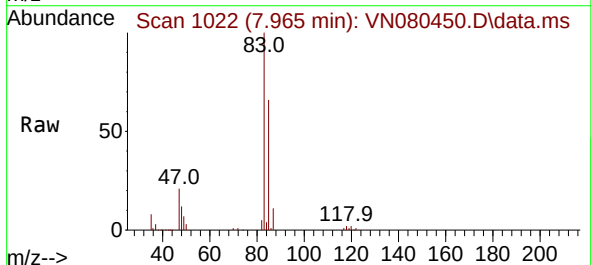
Delta R.T. 0.000 min

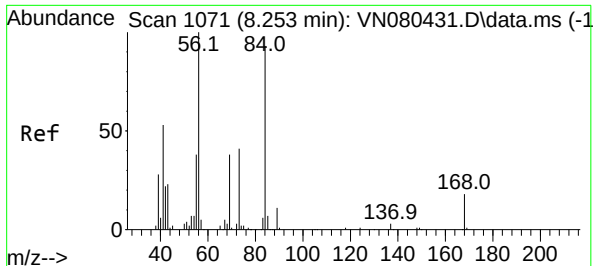
Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Tgt Ion: 83 Resp: 322416

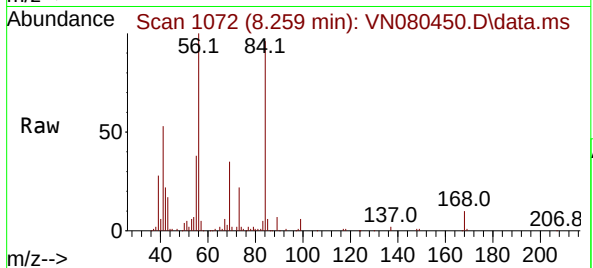
Ion	Ratio	Lower	Upper
83	100		
85	66.4	55.4	83.0





#31
Cyclohexane
Concen: 43.676 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

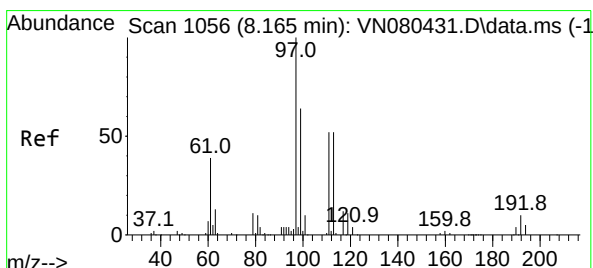
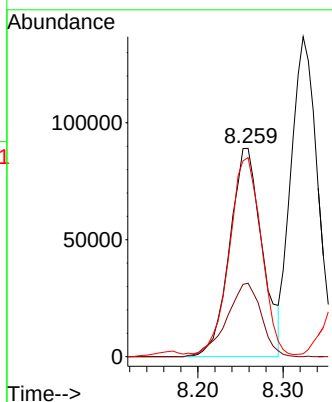
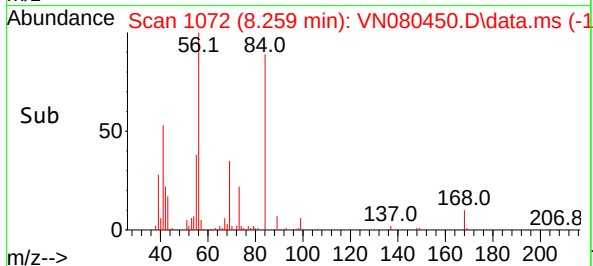
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



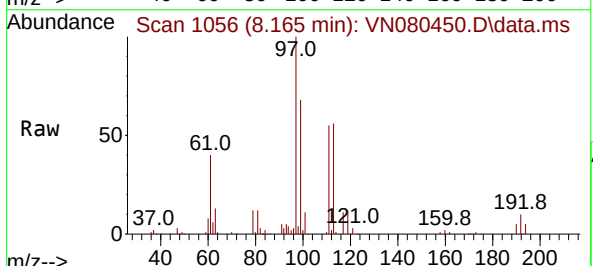
Tgt Ion: 56 Resp: 235035
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 93.5 81.8 122.6

Manual Integrations
APPROVED

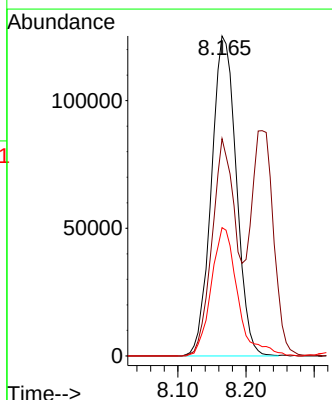
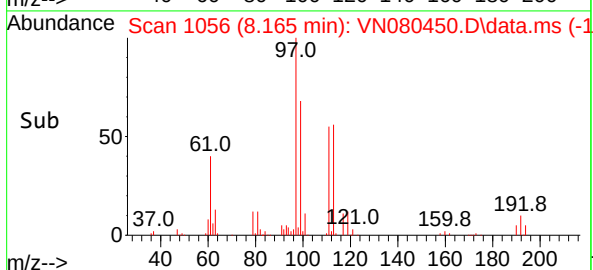
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

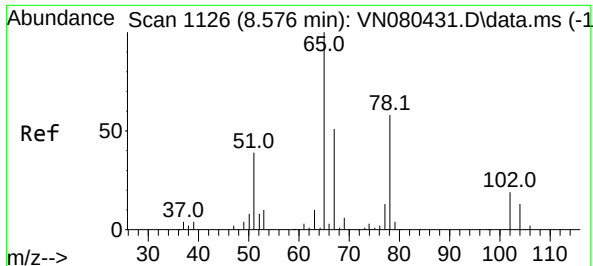


#32
1,1,1-Trichloroethane
Concen: 47.271 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion: 97 Resp: 318806
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 42.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.835 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 205120

Ion Ratio Lower Upper

65 100

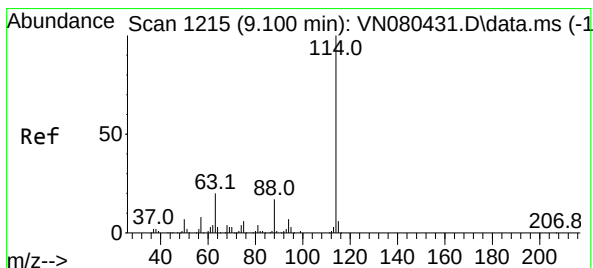
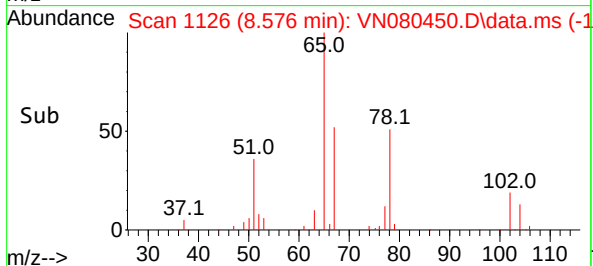
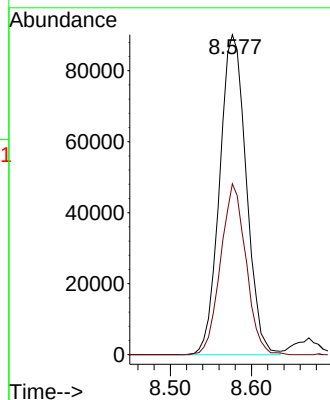
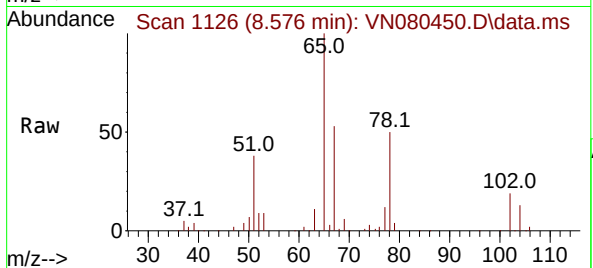
67 50.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

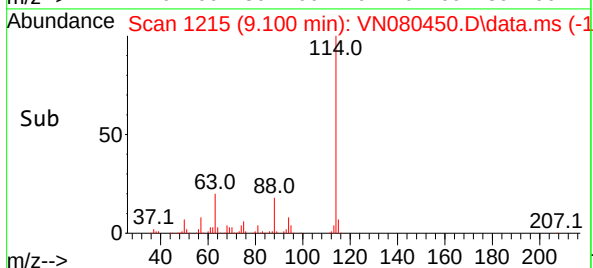
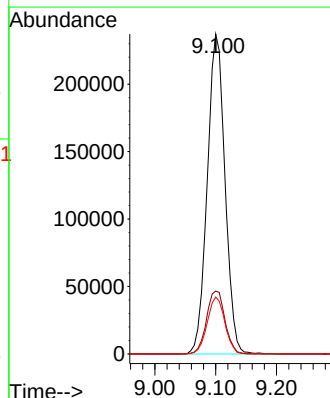
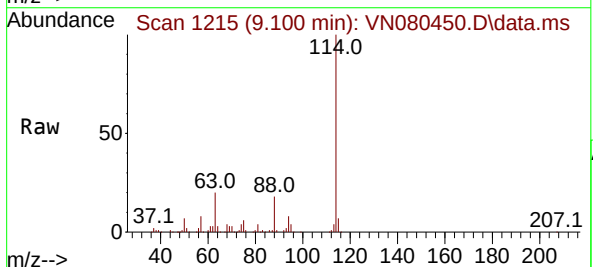
Tgt Ion:114 Resp: 480210

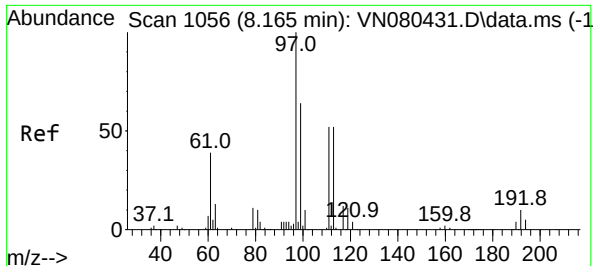
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 17.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 159958

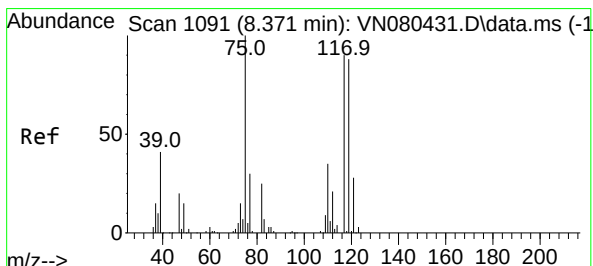
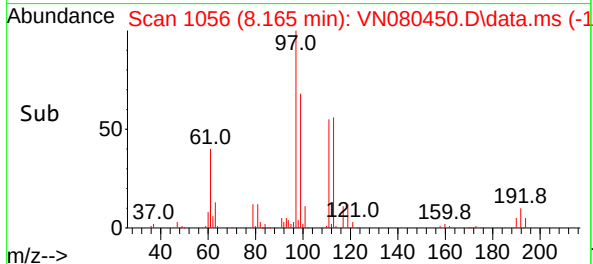
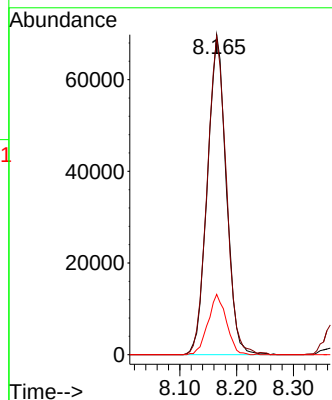
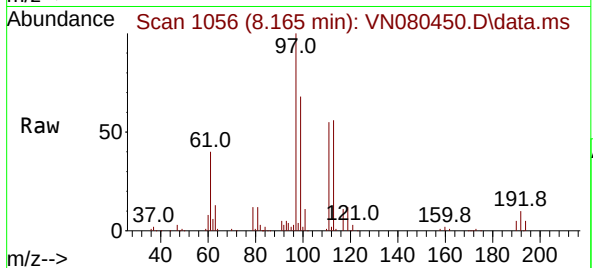
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	123.8
192	18.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 47.902 ug/l

RT: 8.371 min Scan# 1091

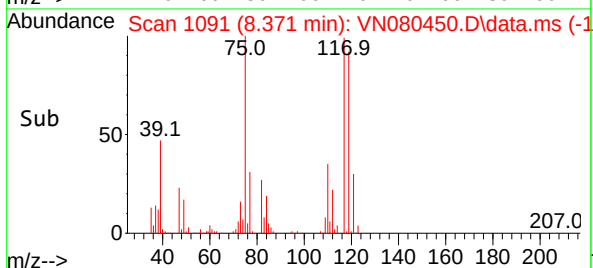
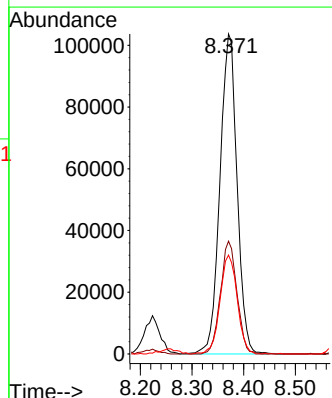
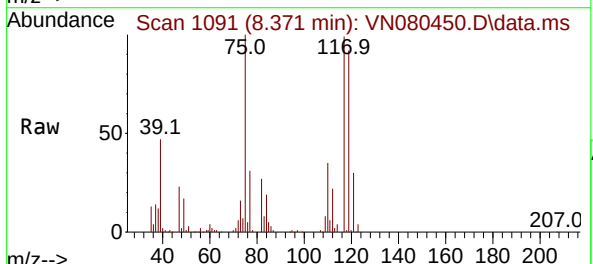
Delta R.T. 0.000 min

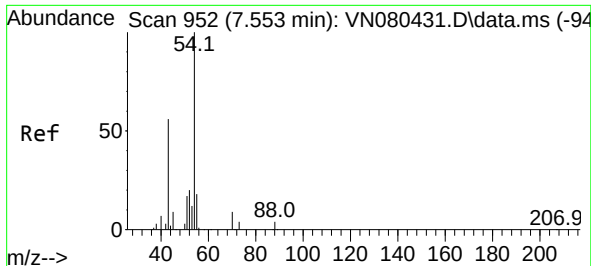
Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Tgt Ion: 75 Resp: 238473

Ion	Ratio	Lower	Upper
75	100		
110	33.9	19.1	57.3
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 44.320 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080450.D

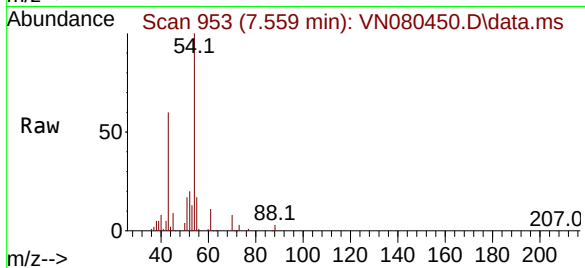
Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



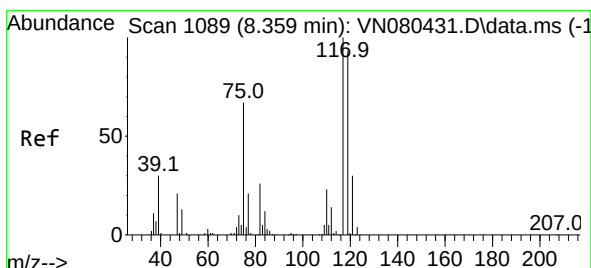
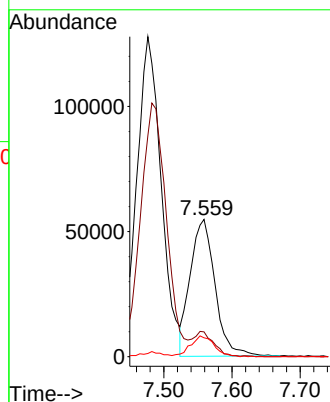
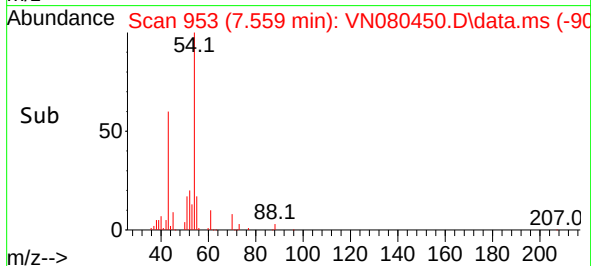
Tgt Ion:	43	Resp:	13816
Ion Ratio	Lower	Upper	
43	100		
61	15.5	13.2	19.8
70	14.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 48.507 ug/l

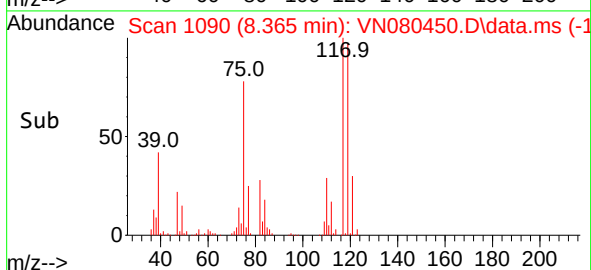
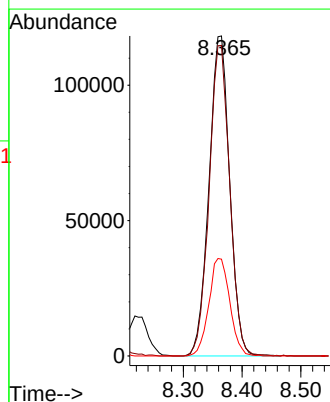
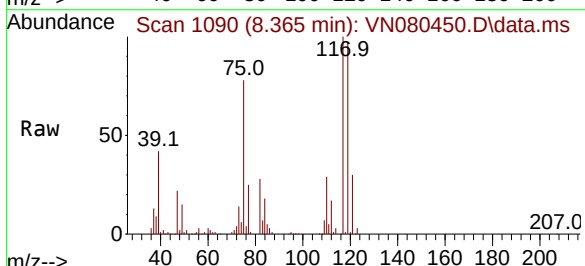
RT: 8.365 min Scan# 1090

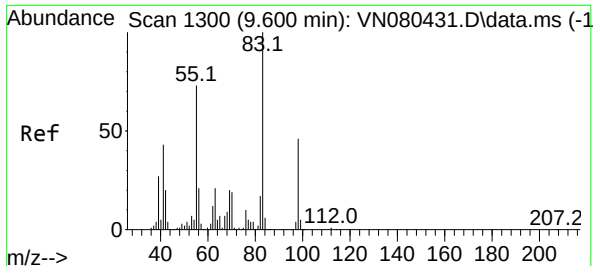
Delta R.T. 0.006 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Tgt Ion:	117	Resp:	288545
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 46.162 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

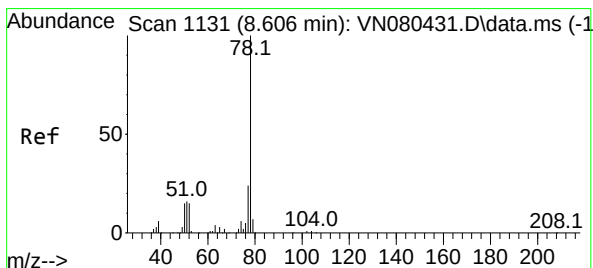
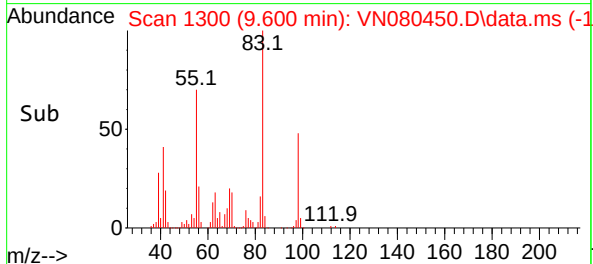
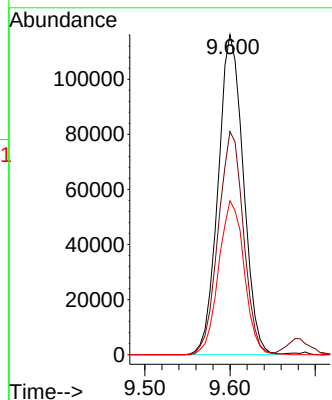
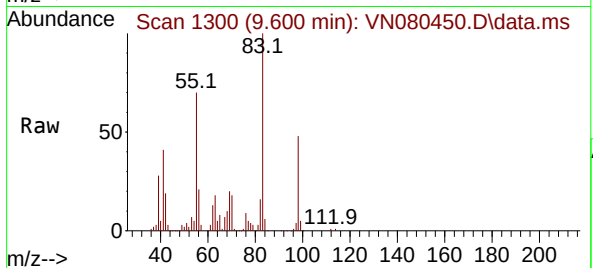
Tgt Ion:	83	Resp:	23873
Ion Ratio	Lower	Upper	
83	100		
55	69.7	49.1	73.7
98	48.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 46.211 ug/l

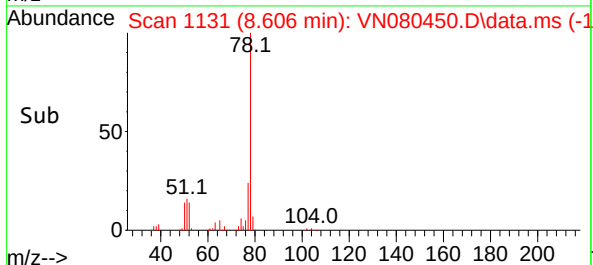
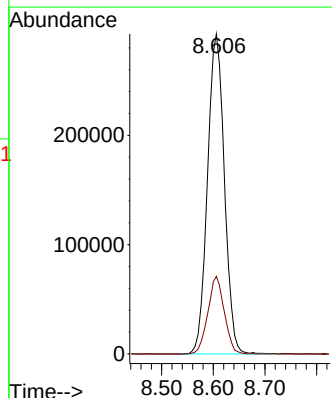
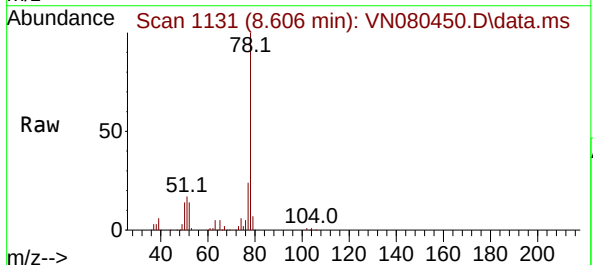
RT: 8.606 min Scan# 1131

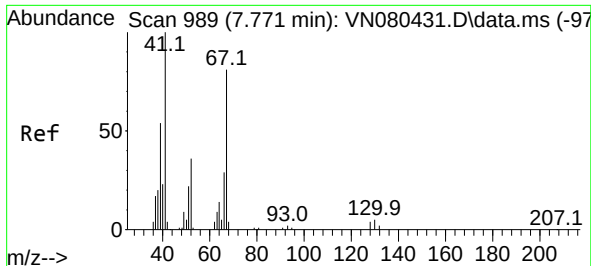
Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

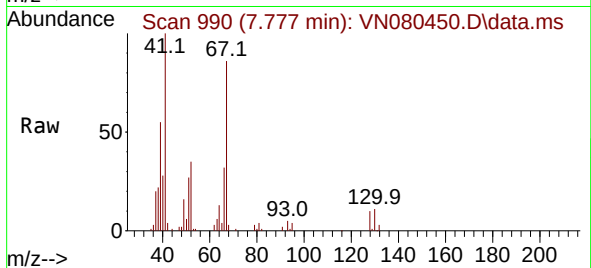
Tgt Ion:	78	Resp:	664309
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 44.295 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

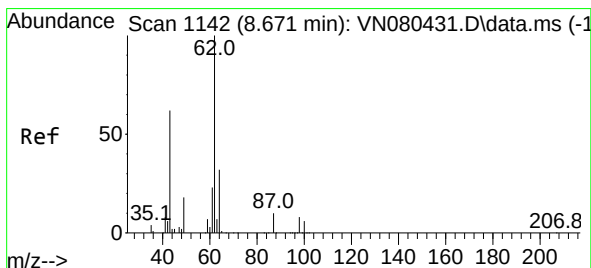
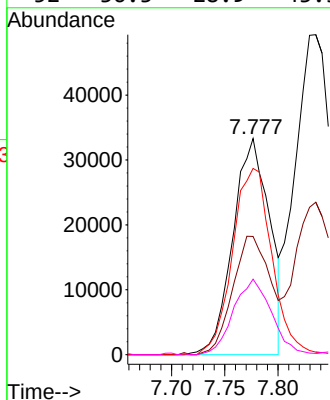
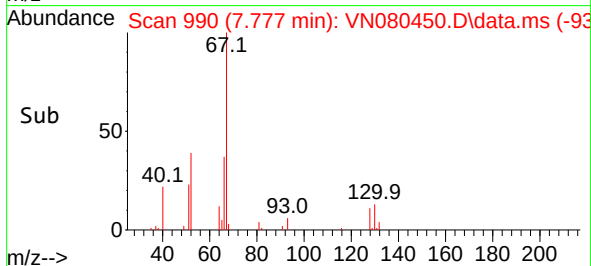
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



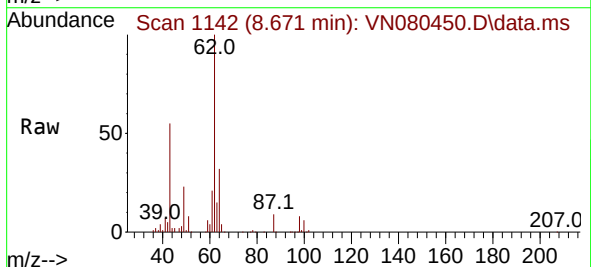
Tgt Ion: 41 Resp: 79609
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 92.5 77.5 116.3
52 36.3 28.9 43.3

Manual Integrations
APPROVED

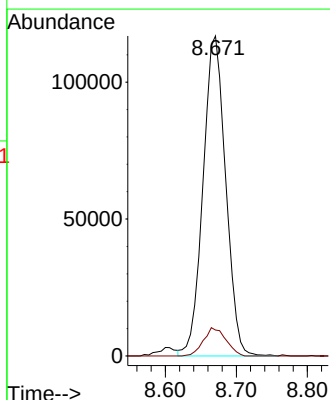
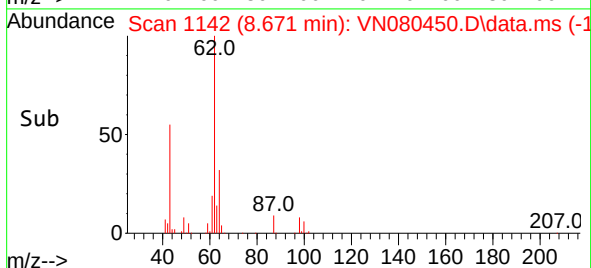
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

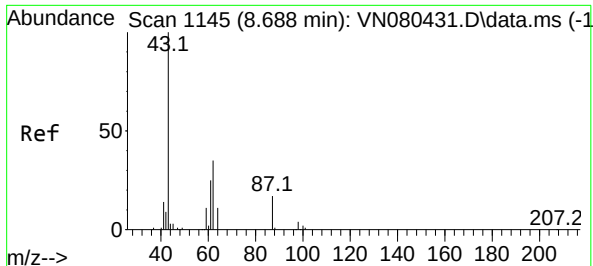


#42
1,2-Dichloroethane
Concen: 48.712 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion: 62 Resp: 259318
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





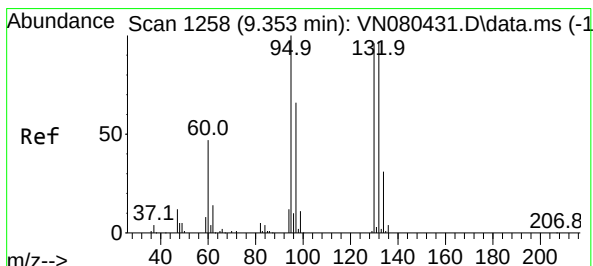
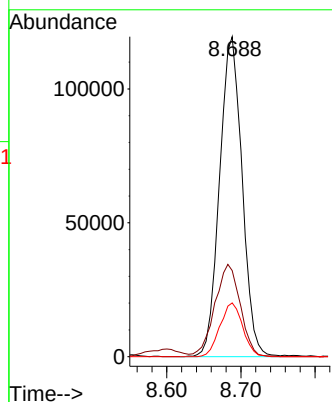
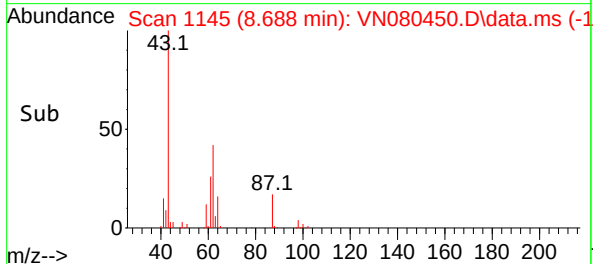
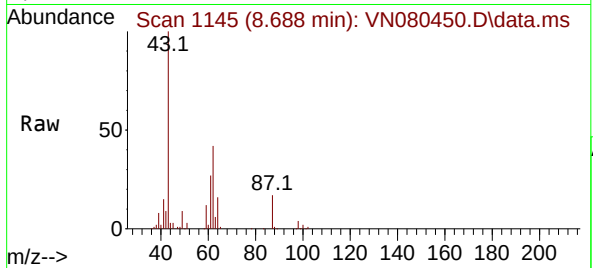
#43
Isopropyl Acetate
Concen: 45.044 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25248
Ion Ratio Lower Upper
43 100
61 32.7 24.7 37.1
87 16.9 14.6 21.8

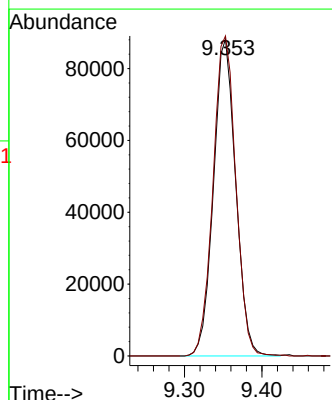
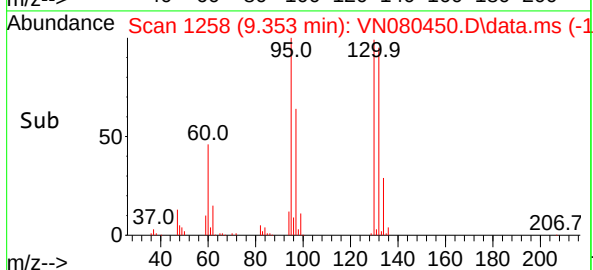
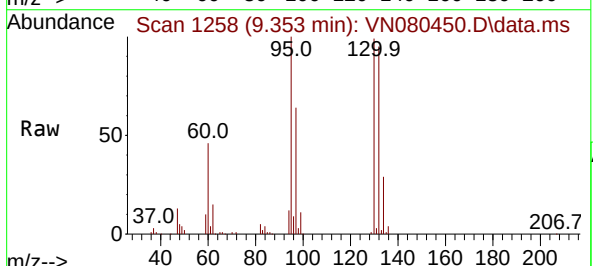
Manual Integrations
APPROVED

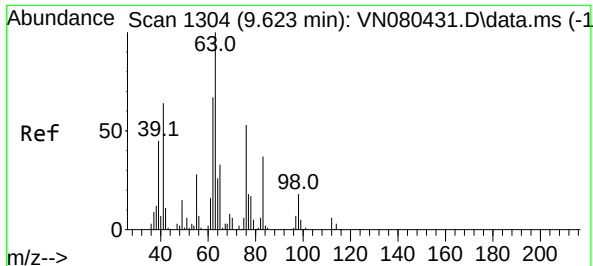
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 45.257 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion:130 Resp: 175391
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 46.144 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15580

Ion Ratio Lower Upper

63 100

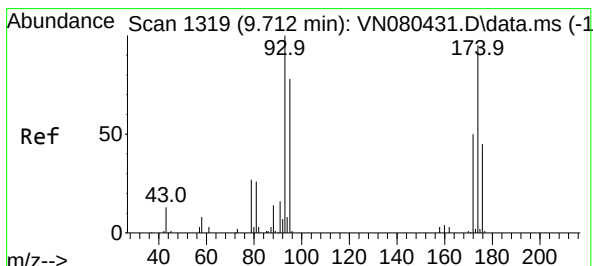
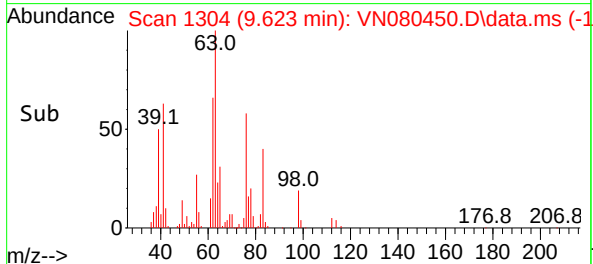
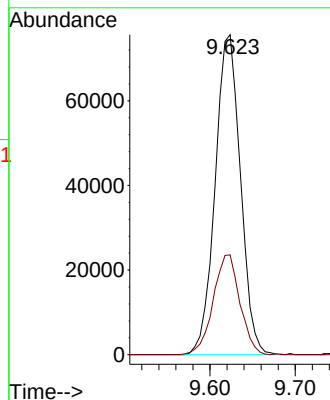
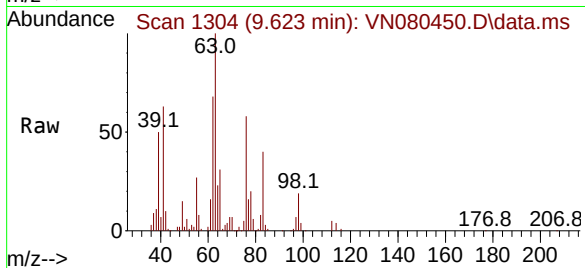
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 47.626 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

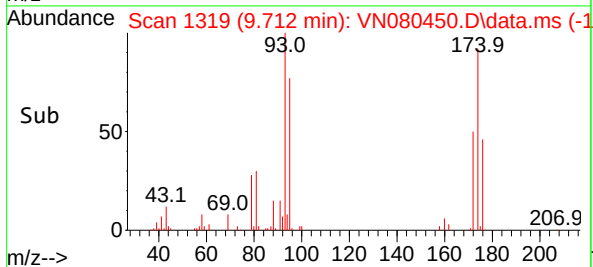
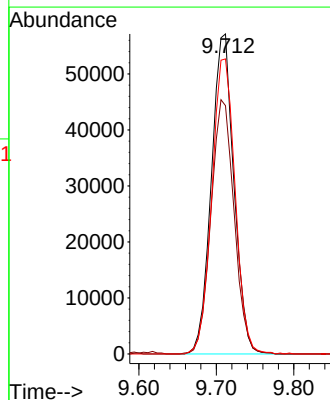
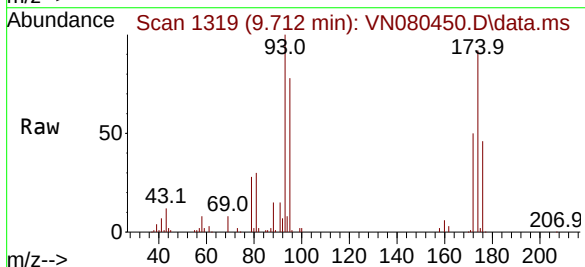
Tgt Ion: 93 Resp: 115480

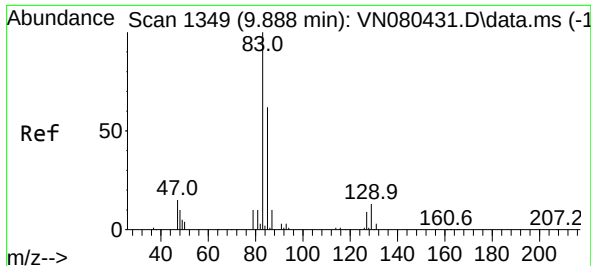
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

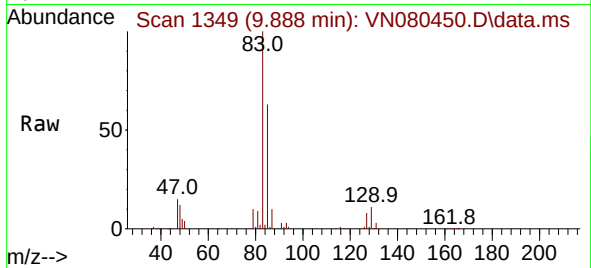
174 95.3 65.6 98.4





#47
Bromodichloromethane
Concen: 49.766 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

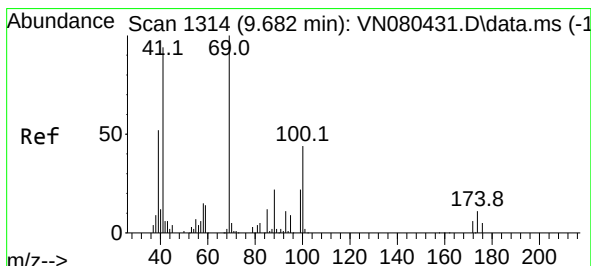
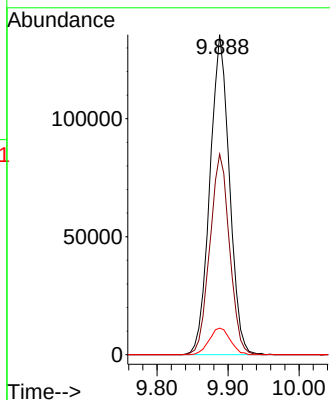
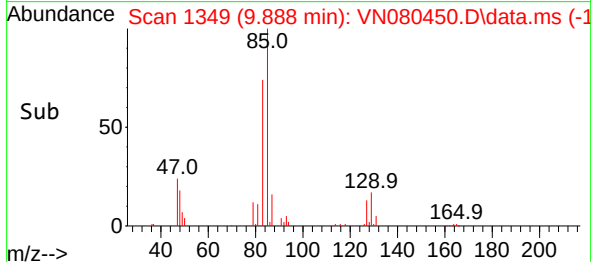
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



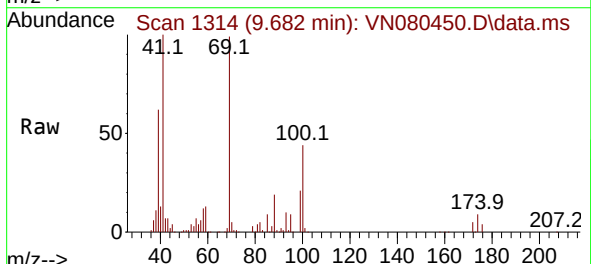
Tgt Ion: 83 Resp: 25861
Ion Ratio Lower Upper
83 100
85 62.7 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

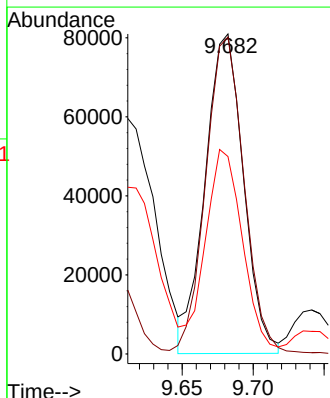
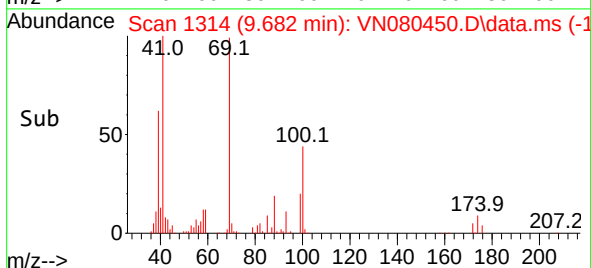
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

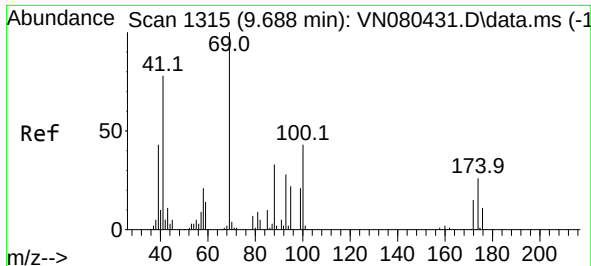


#48
Methyl methacrylate
Concen: 45.310 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



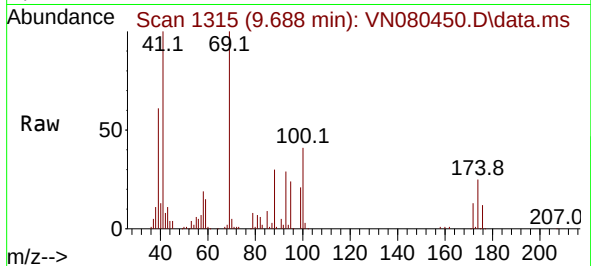
Tgt Ion: 41 Resp: 151561
Ion Ratio Lower Upper
41 100
69 99.8 90.4 135.6
39 63.2 54.6 81.8





#49
1,4-Dioxane
Concen: 837.921 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

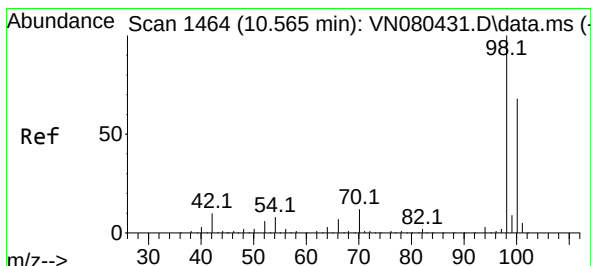
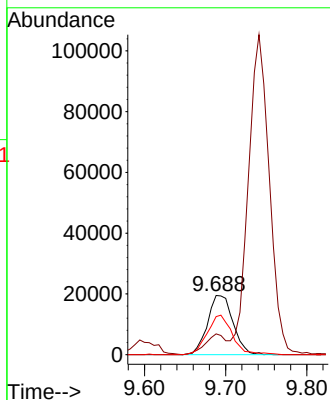
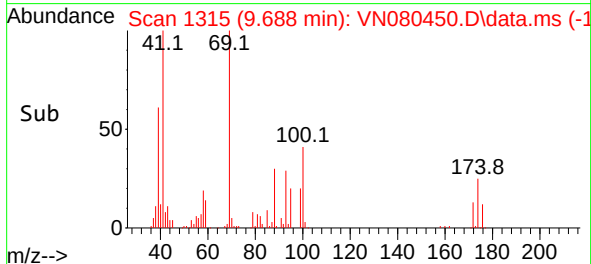
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



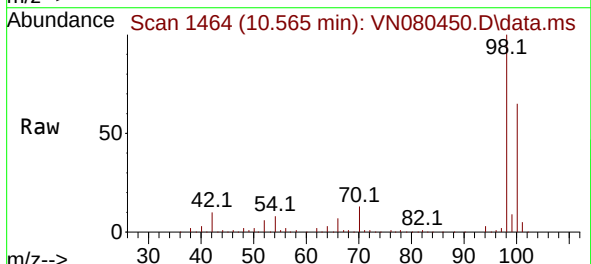
Tgt Ion: 88 Resp: 4248
Ion Ratio Lower Upper
88 100
43 26.8 17.0 25.6
58 66.0 47.0 70.4

Manual Integrations
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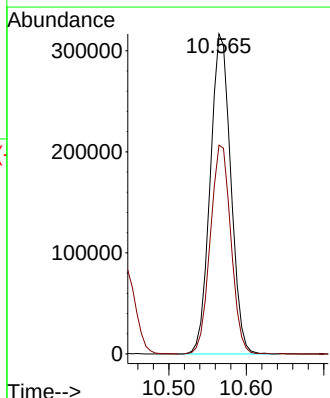
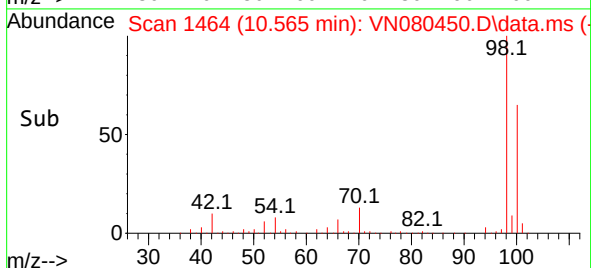
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

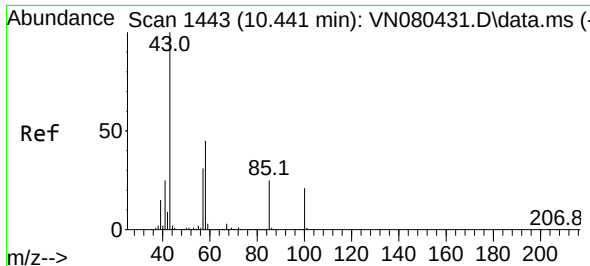


#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion: 98 Resp: 583018
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





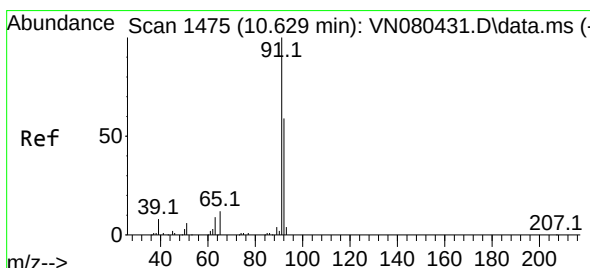
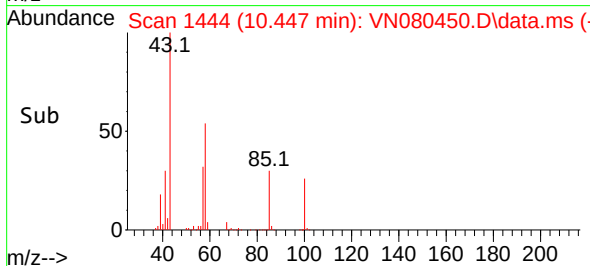
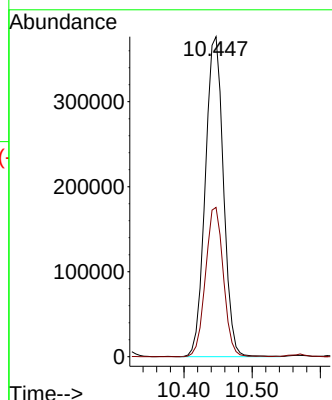
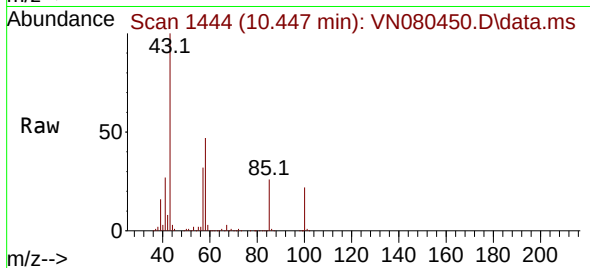
#51
4-Methyl-2-Pentanone
Concen: 225.821 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 697118
Ion Ratio Lower Upper
43 100
58 46.0 36.6 54.8

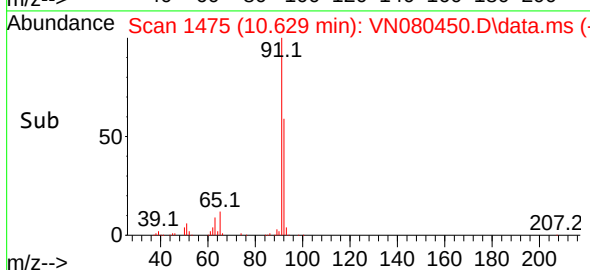
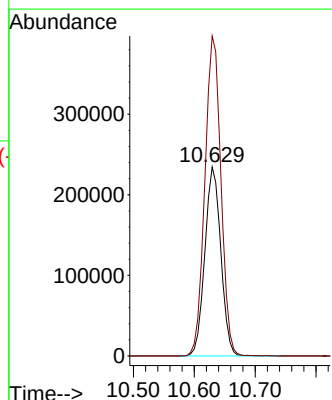
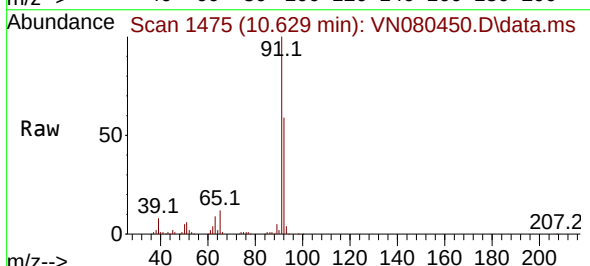
Manual Integrations
APPROVED

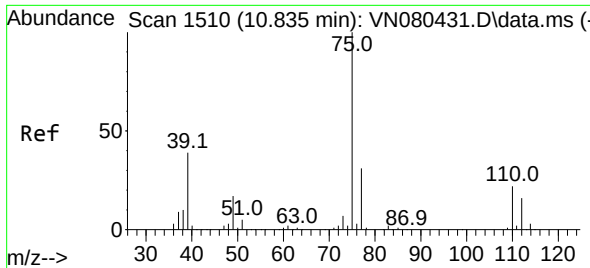
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 47.009 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

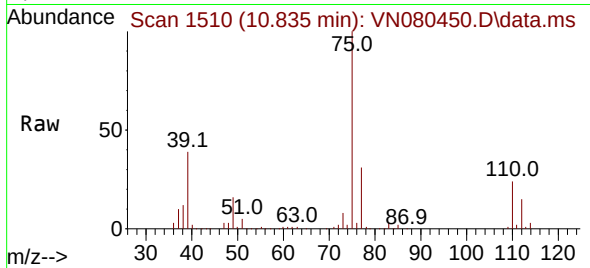
Tgt Ion: 92 Resp: 426918
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 47.152 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

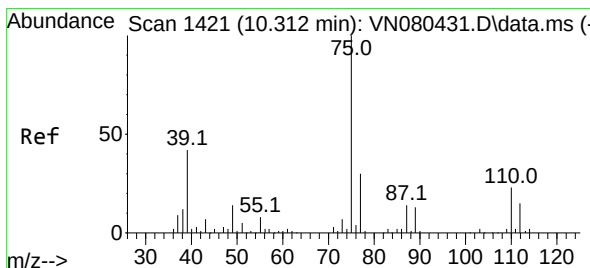
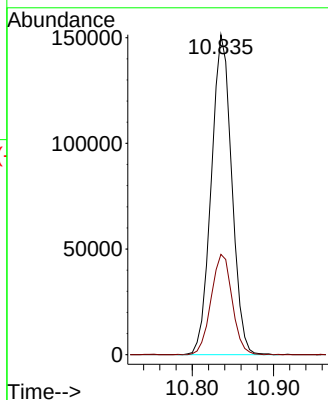
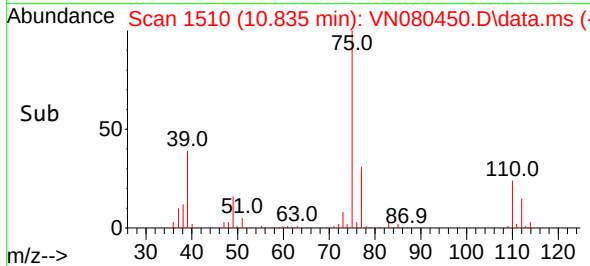
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 265114
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

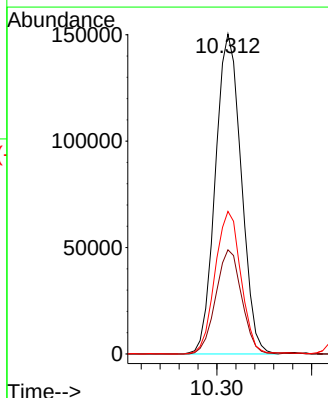
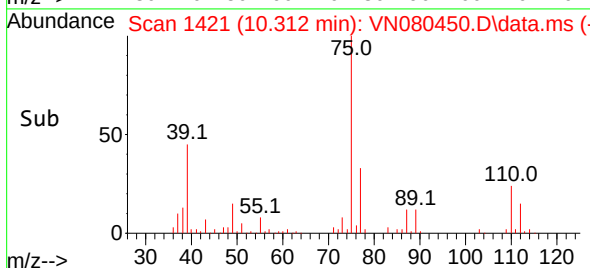
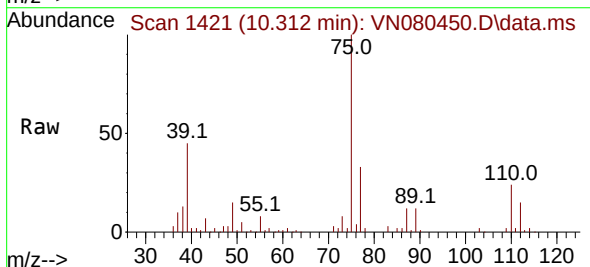
Manual Integrations
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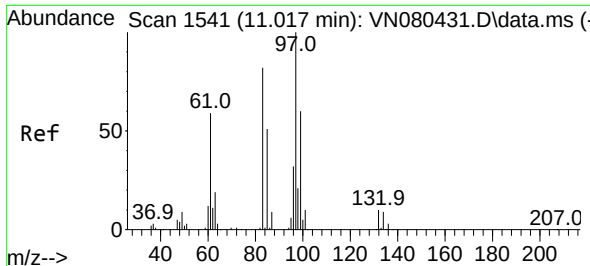
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 47.480 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

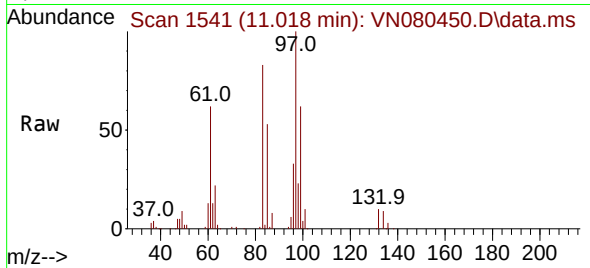
Tgt Ion: 75 Resp: 285339
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 45.983 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

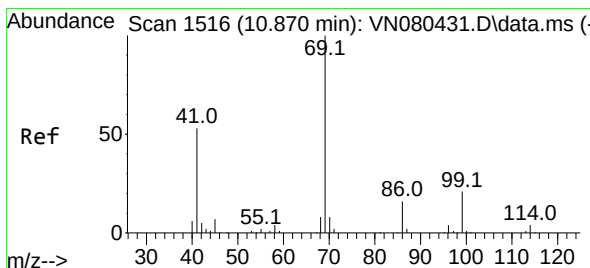
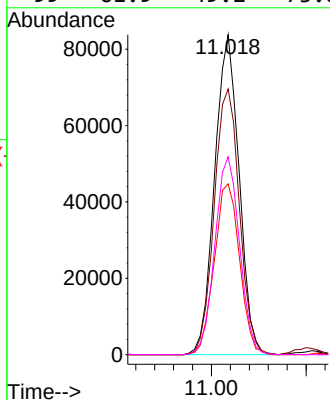
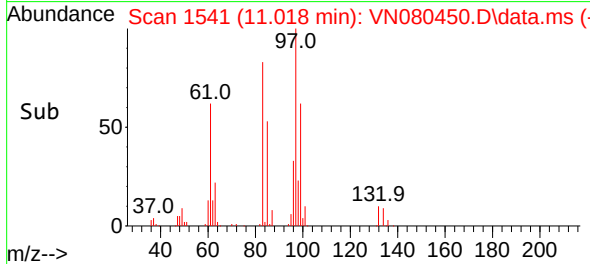
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 15026
Ion Ratio Lower Upper
97 100
83 83.1 65.1 97.7
85 53.4 43.4 65.2
99 61.9 49.2 73.8

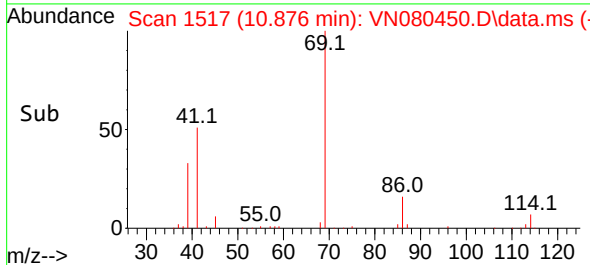
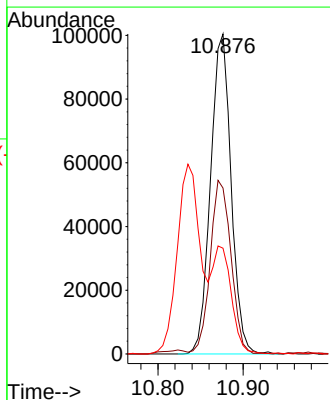
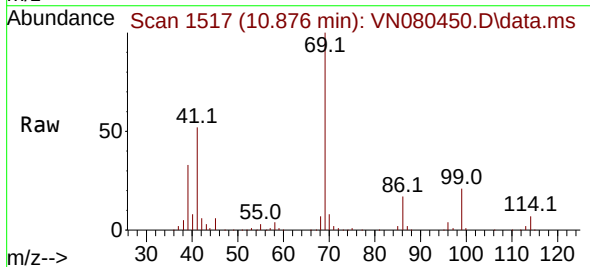
Manual Integrations
APPROVED

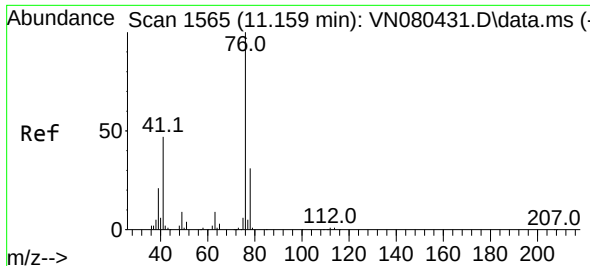
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#56
Ethyl methacrylate
Concen: 46.493 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion: 69 Resp: 168204
Ion Ratio Lower Upper
69 100
41 55.1 39.6 59.4
39 30.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 46.341 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 265459

Ion Ratio Lower Upper

76 100

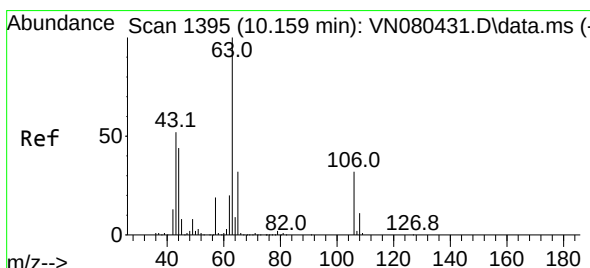
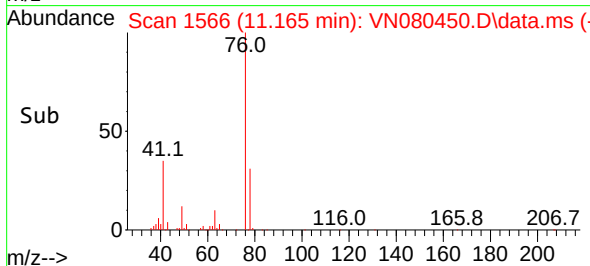
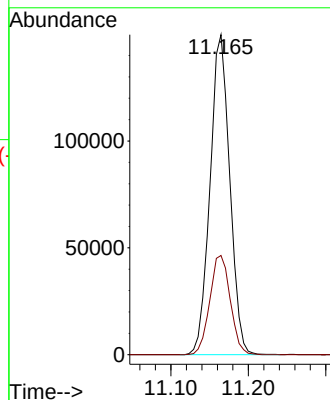
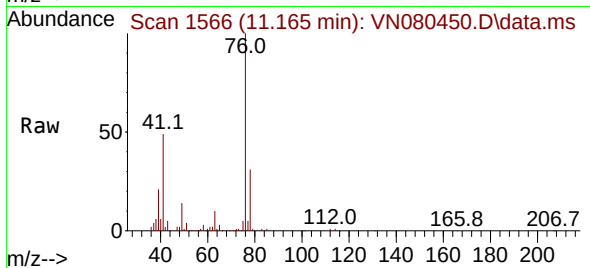
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.893 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080450.D

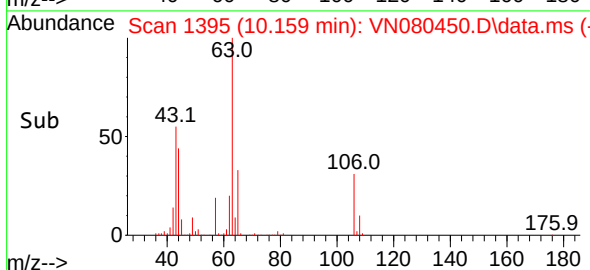
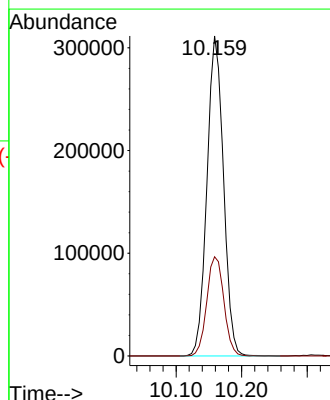
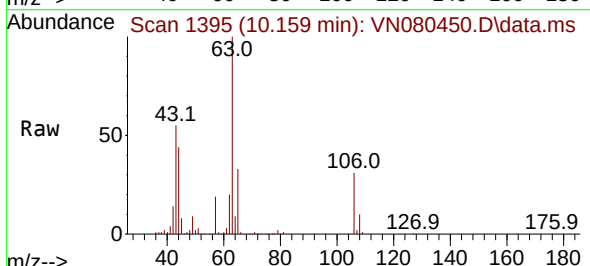
Acq: 13 Dec 2023 09:14

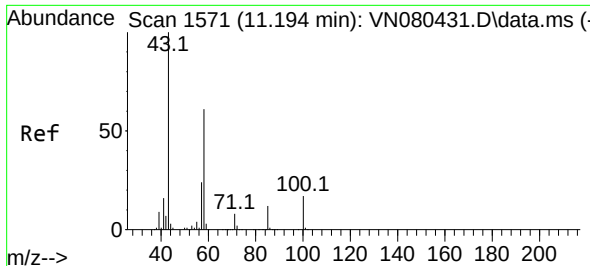
Tgt Ion: 63 Resp: 545620

Ion Ratio Lower Upper

63 100

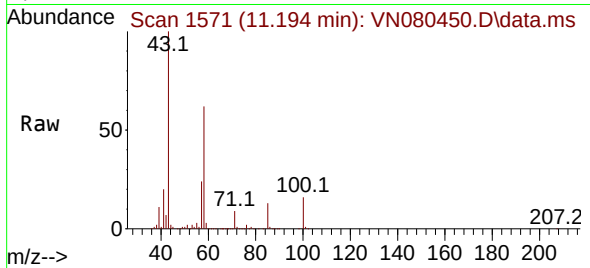
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 218.973 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

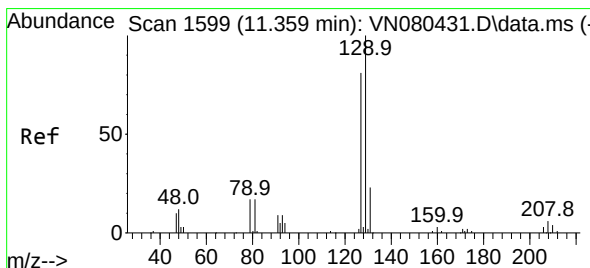
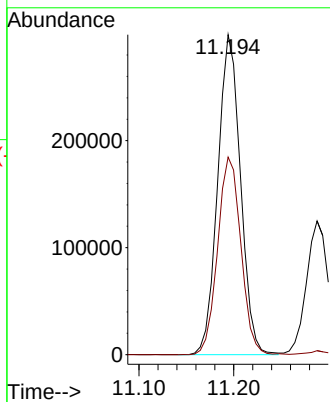
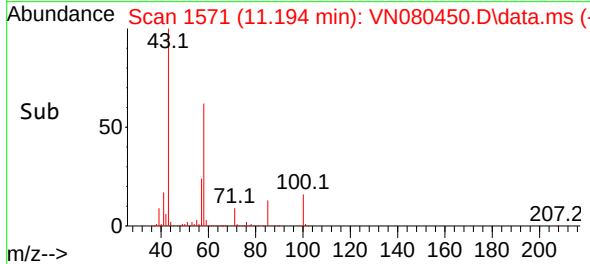
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 499039
Ion Ratio Lower Upper
43 100
58 63.2 31.7 95.1

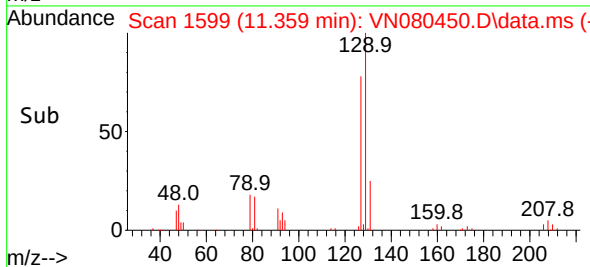
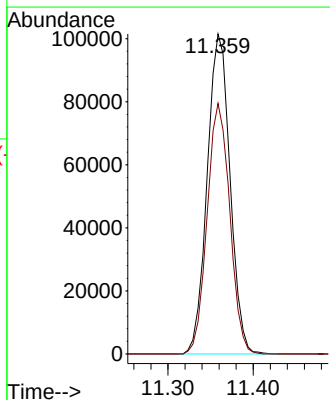
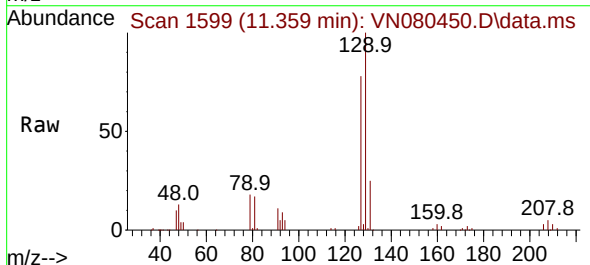
Manual Integrations
APPROVED

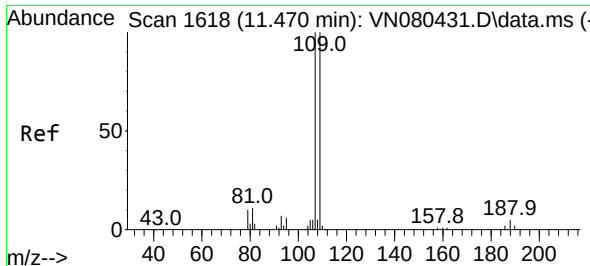
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 48.828 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

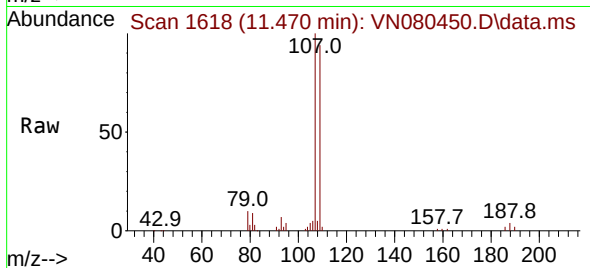
Tgt Ion:129 Resp: 189069
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.766 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

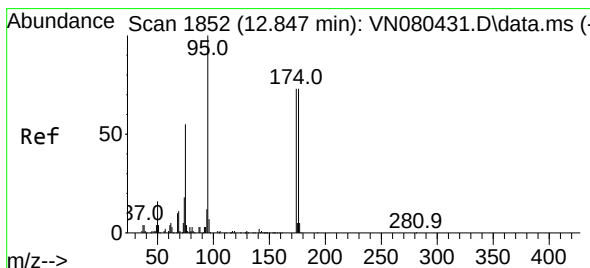
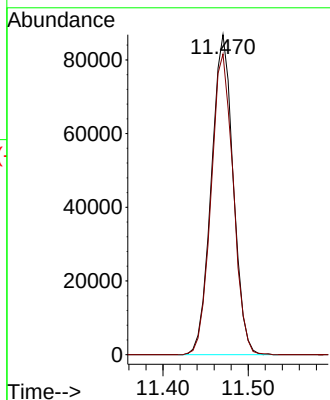
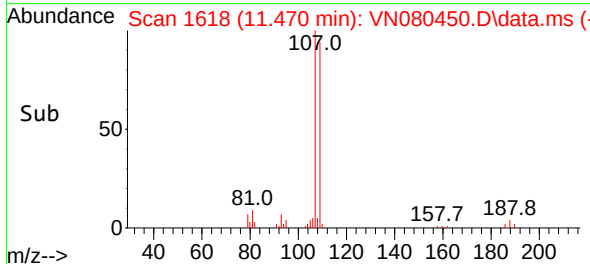
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 154784
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

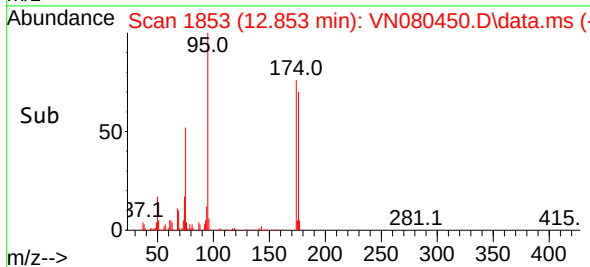
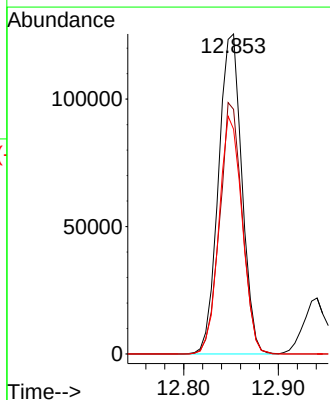
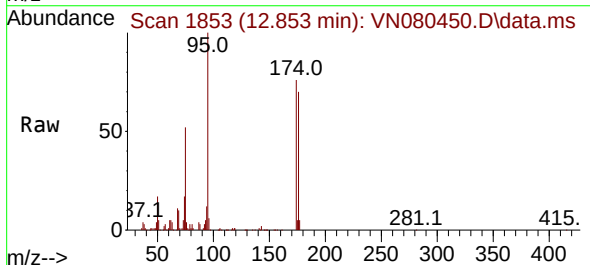
Manual Integrations
APPROVED

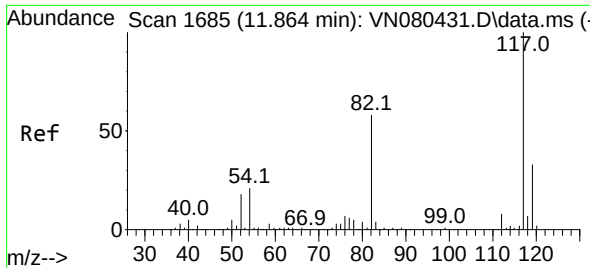
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 50.083 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

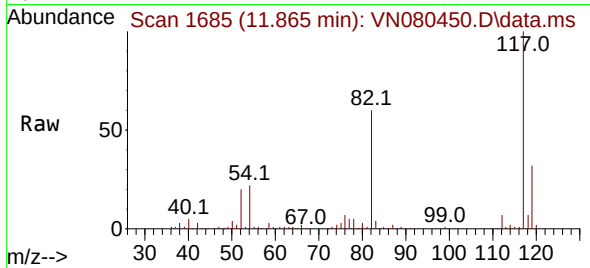
Tgt Ion: 95 Resp: 215951
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

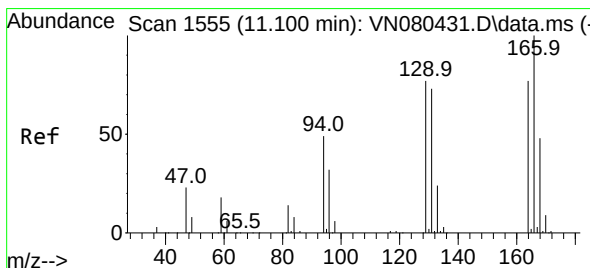
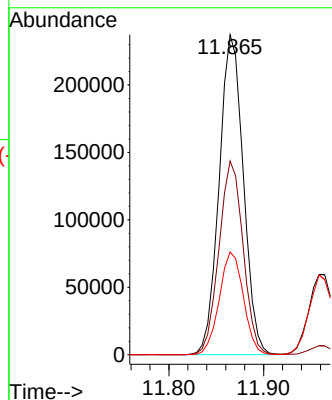
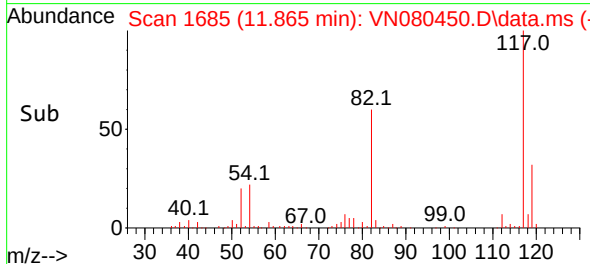
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



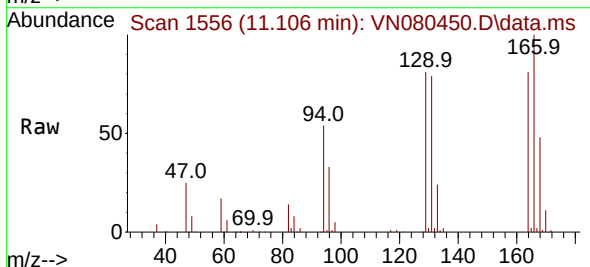
Tgt Ion:117 Resp: 42056
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
APPROVED

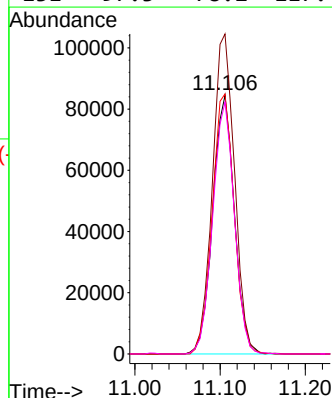
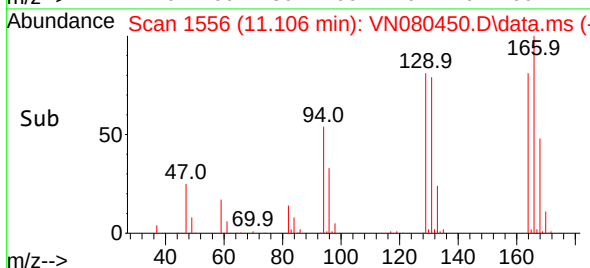
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

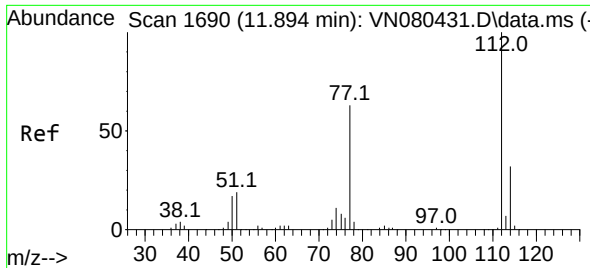


#64
Tetrachloroethene
Concen: 46.014 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion:164 Resp: 149415
Ion Ratio Lower Upper
164 100
166 123.7 101.4 152.0
129 100.5 82.4 123.6
131 97.3 78.2 117.4





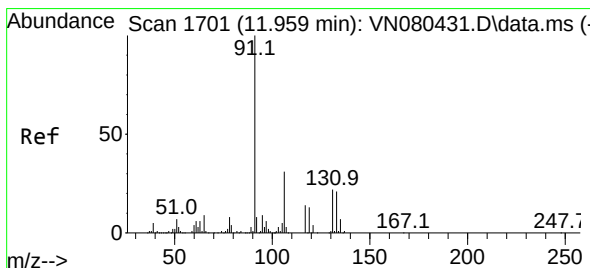
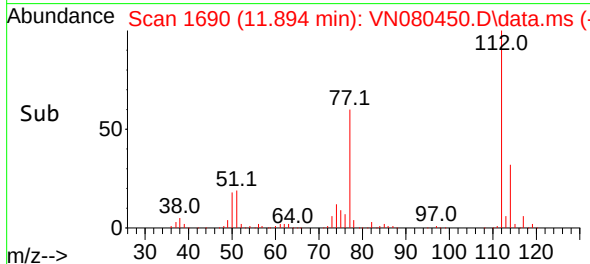
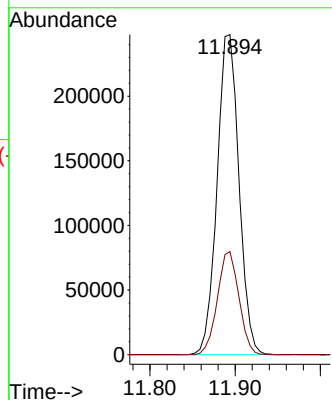
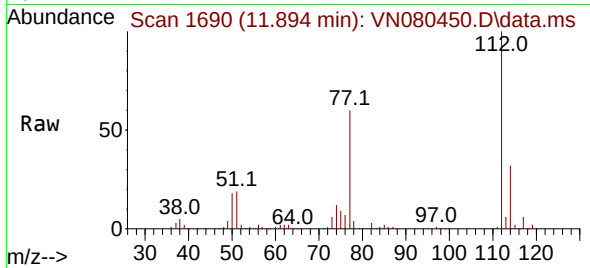
#65
Chlorobenzene
Concen: 47.306 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 442570
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

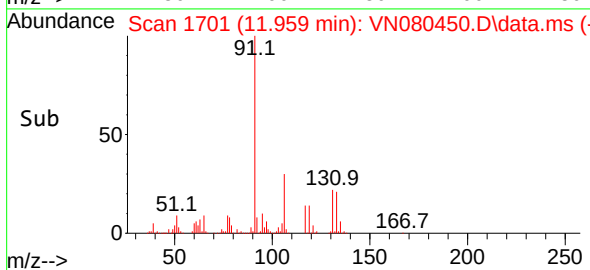
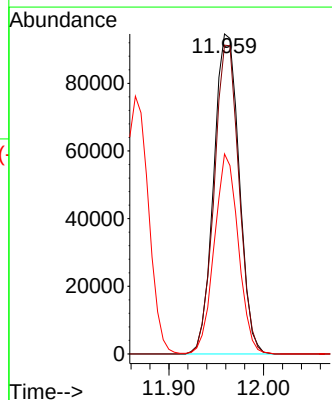
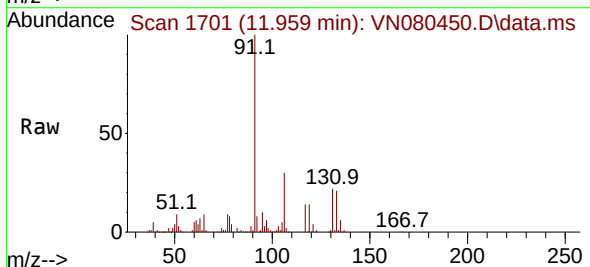
Manual Integrations
APPROVED

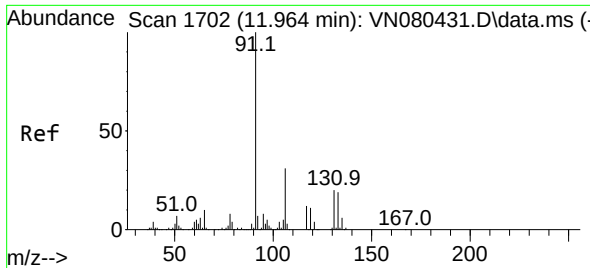
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.011 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion:131 Resp: 176246
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 59.3 34.1 102.2





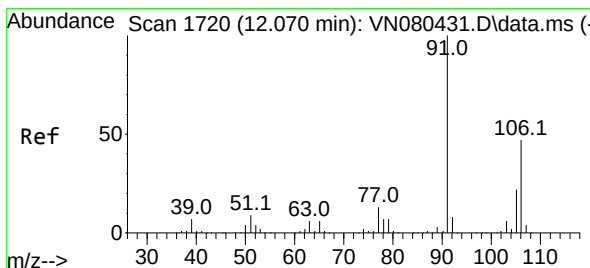
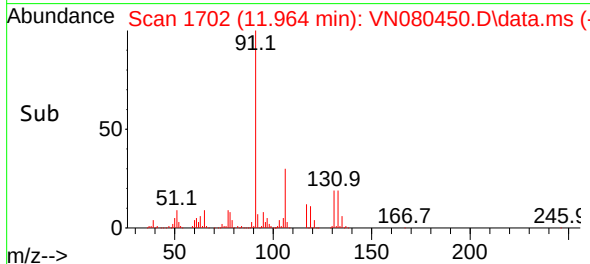
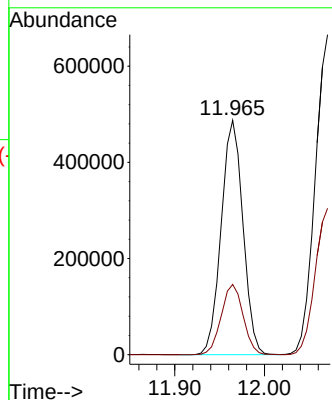
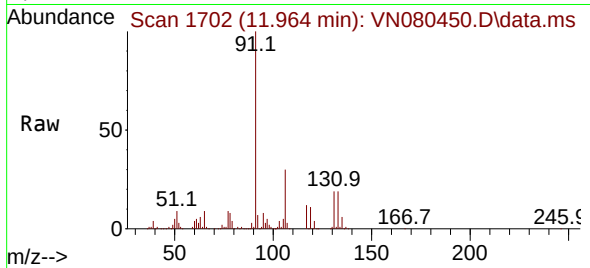
#67
Ethyl Benzene
Concen: 47.689 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 820369
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

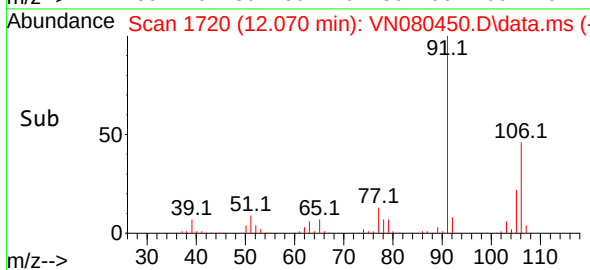
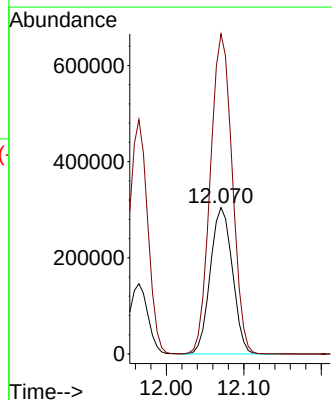
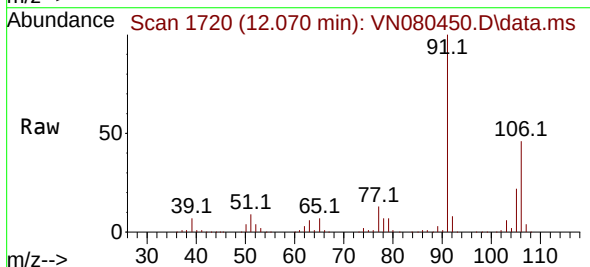
Manual Integrations
APPROVED

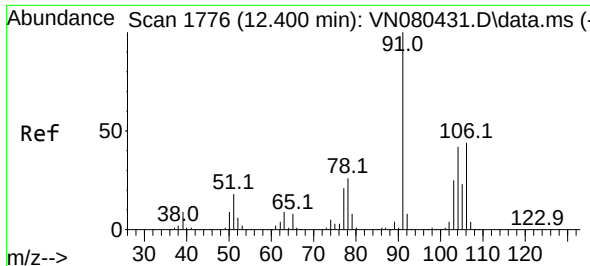
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#68
m/p-Xylenes
Concen: 94.954 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion:106 Resp: 603594
Ion Ratio Lower Upper
106 100
91 216.7 159.6 239.4





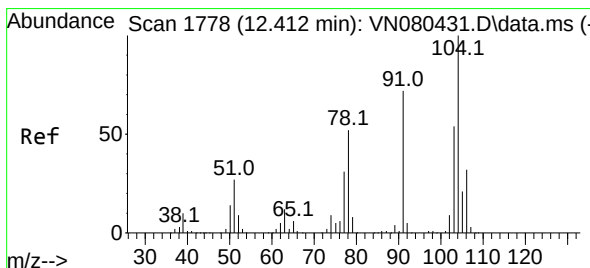
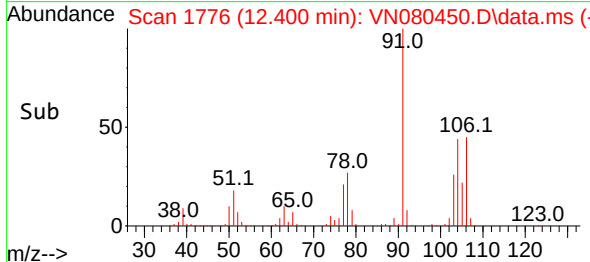
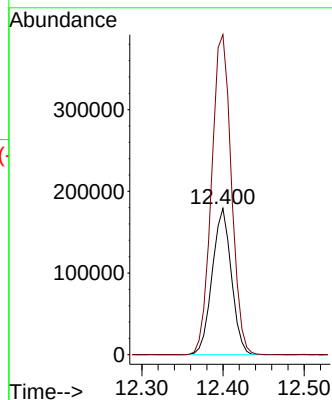
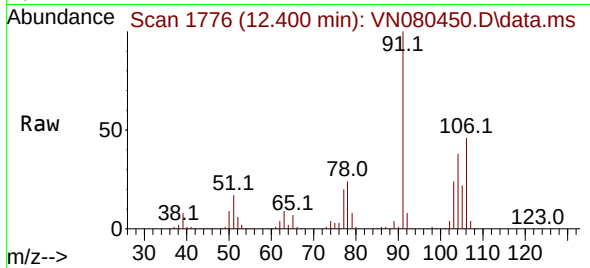
#69
o-Xylene
Concen: 47.140 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 293099
Ion Ratio Lower Upper
106 100
91 226.5 105.2 315.5

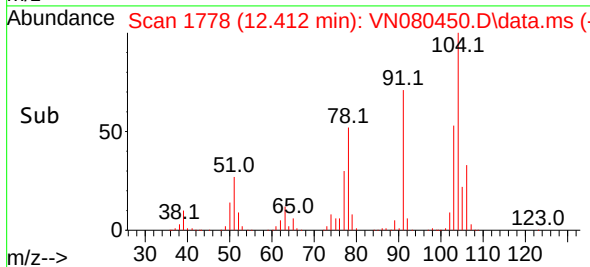
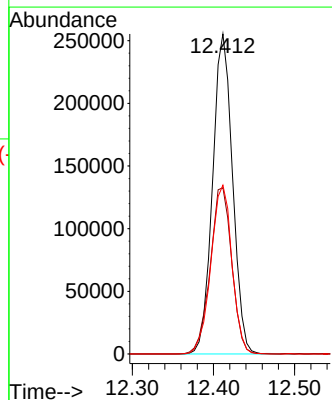
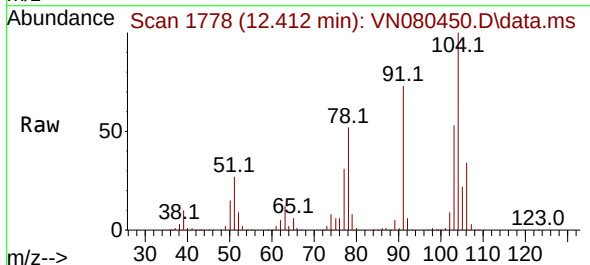
Manual Integrations
APPROVED

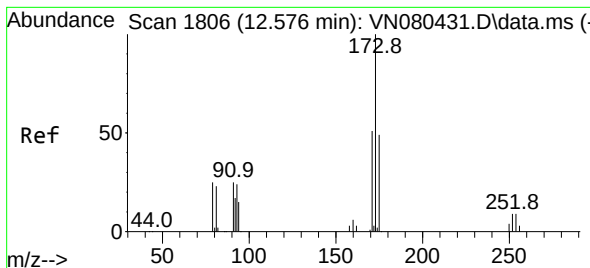
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 48.745 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion:104 Resp: 436564
Ion Ratio Lower Upper
104 100
78 56.3 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 45.452 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 121678

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

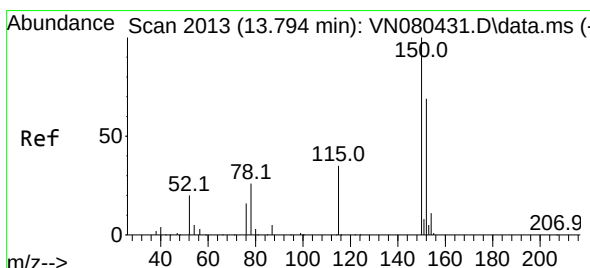
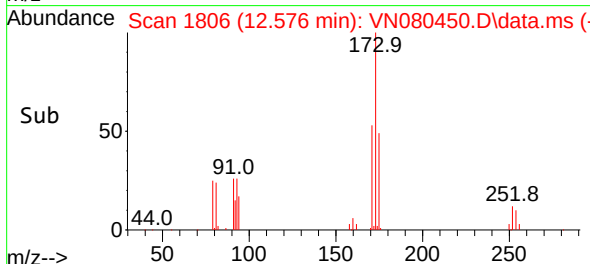
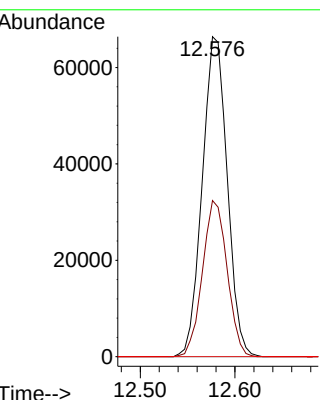
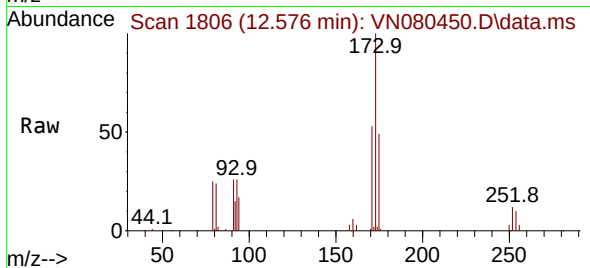
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VN080450.D

Acq: 13 Dec 2023 09:14

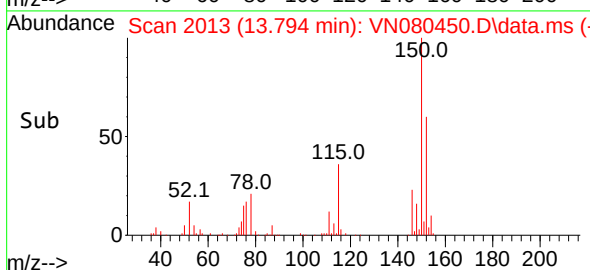
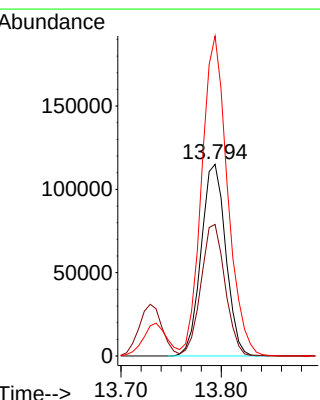
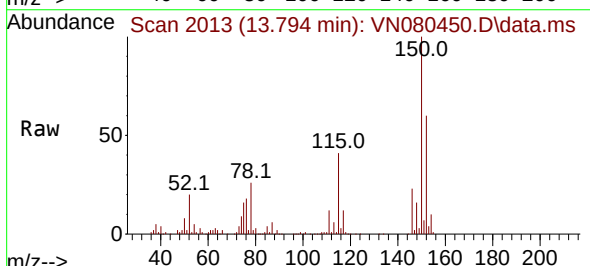
Tgt Ion:152 Resp: 195569

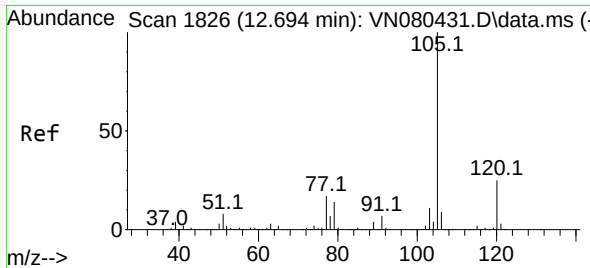
Ion Ratio Lower Upper

152 100

115 67.5 32.3 96.8

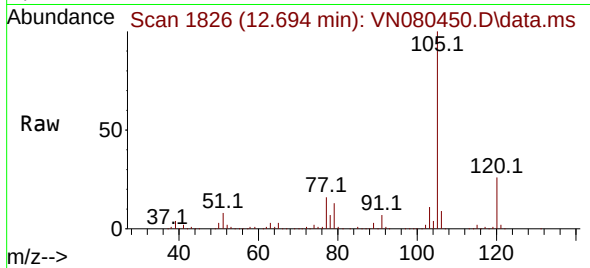
150 175.5 0.0 355.8





#73
Isopropylbenzene
Concen: 49.081 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

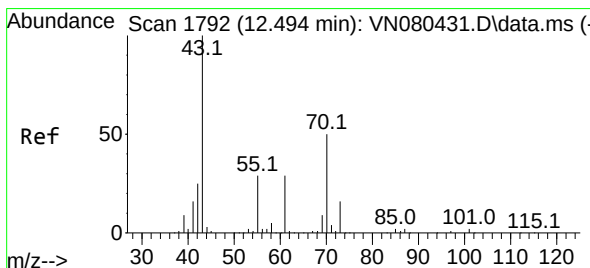
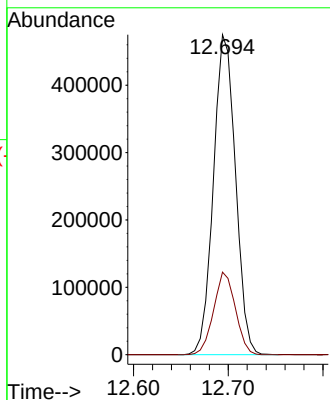
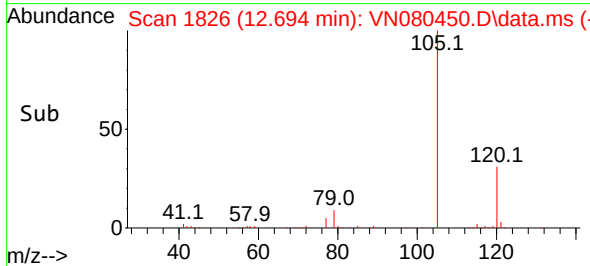
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



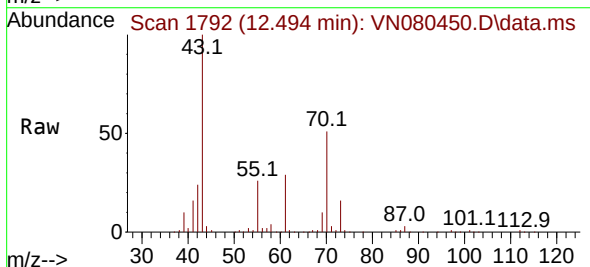
Tgt Ion:105 Resp: 771095
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

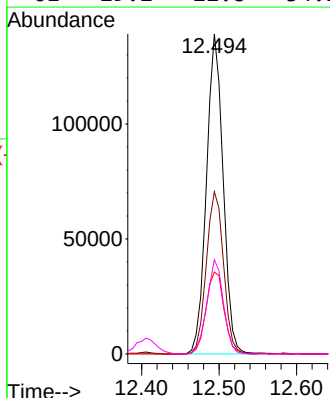
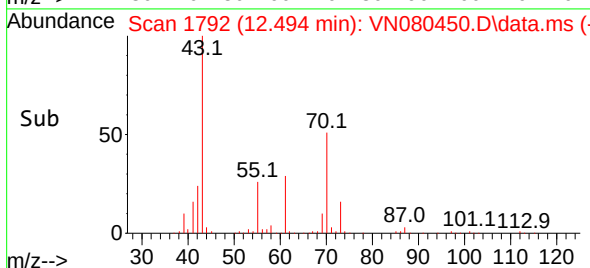
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

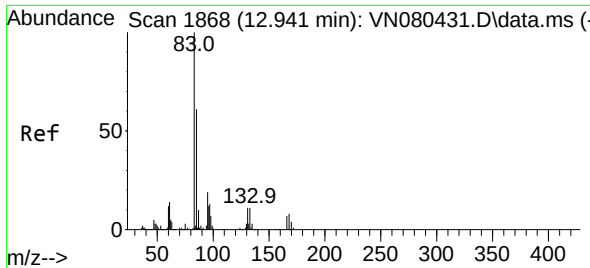


#74
N-ethyl acetate
Concen: 45.325 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion: 43 Resp: 207943
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 27.7 21.4 32.0
61 29.2 22.8 34.2





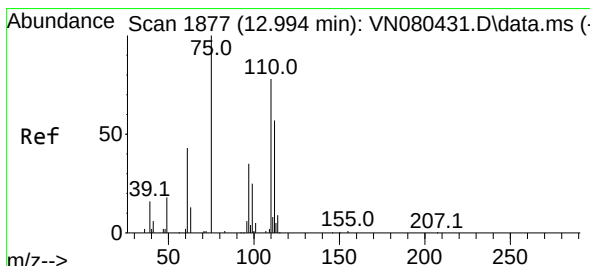
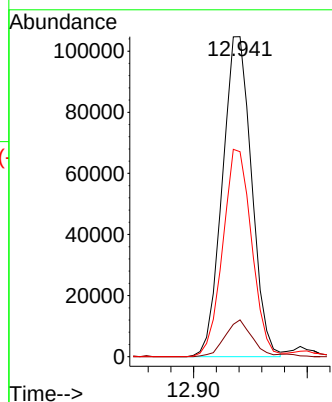
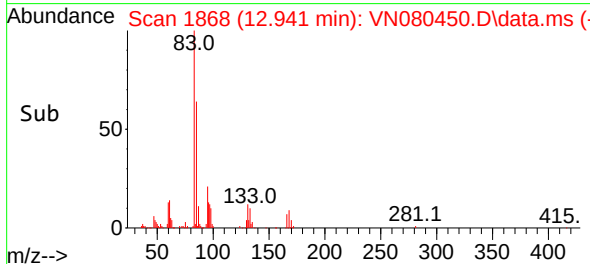
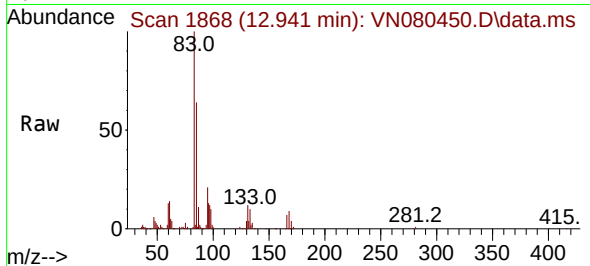
#75
1,1,2,2-Tetrachloroethane
Concen: 44.423 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18701
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.3 31.9 95.7

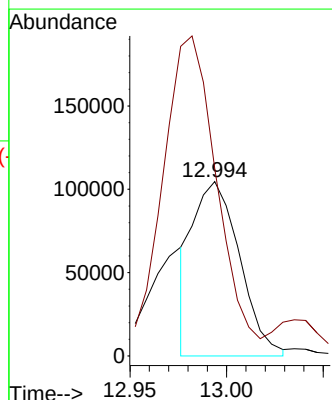
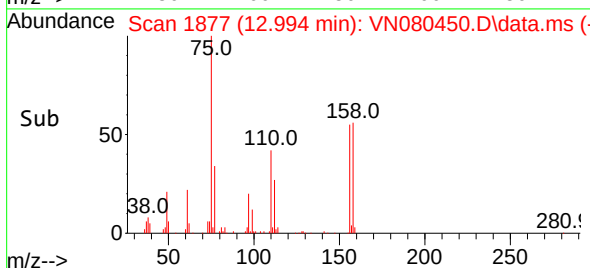
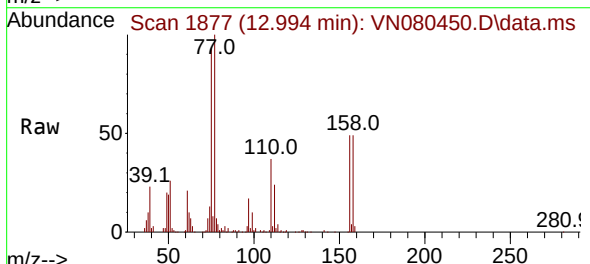
Manual Integrations
APPROVED

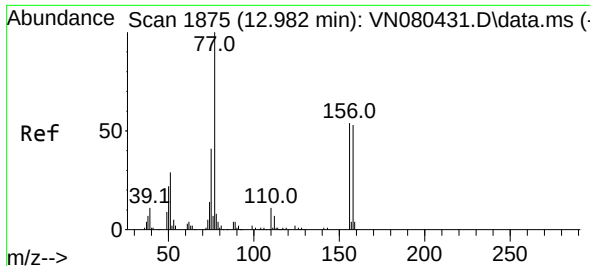
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 45.043 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

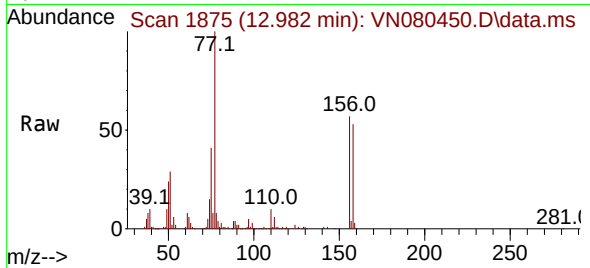
Tgt Ion: 75 Resp: 175735
Ion Ratio Lower Upper
75 100
77 215.4 84.5 253.5





#77
Bromobenzene
Concen: 46.866 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

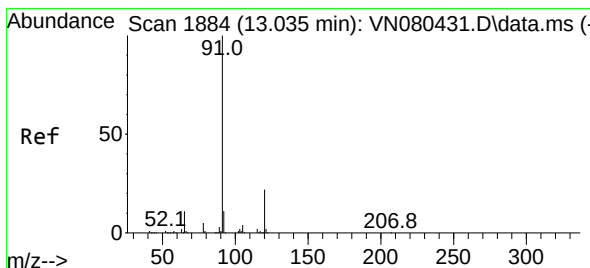
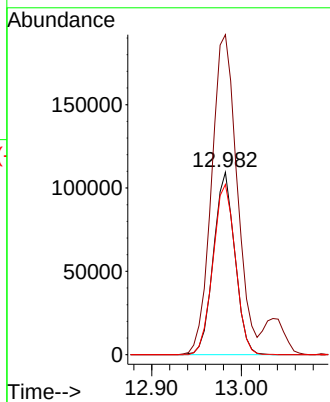
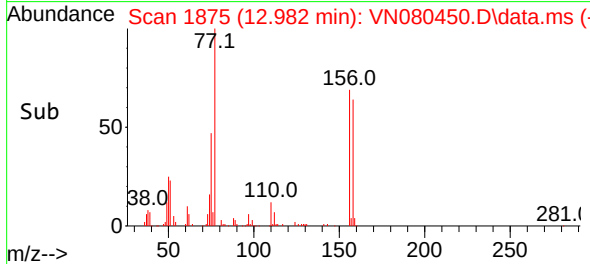
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



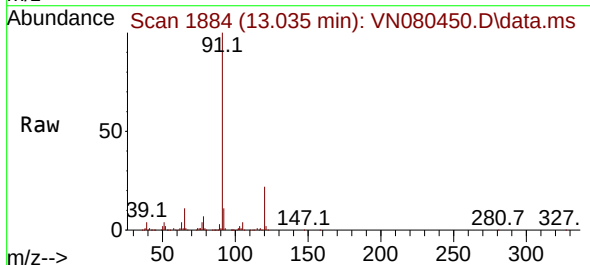
Tgt Ion:156 Resp: 181120
Ion Ratio Lower Upper
156 100
77 209.0 107.7 323.3
158 97.8 48.4 145.3

Manual Integrations
APPROVED

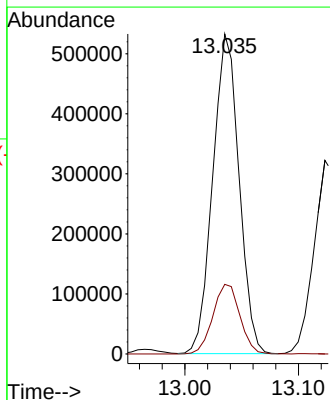
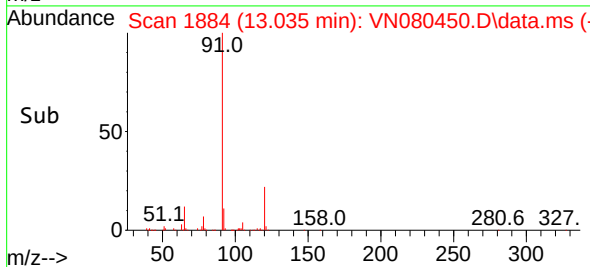
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

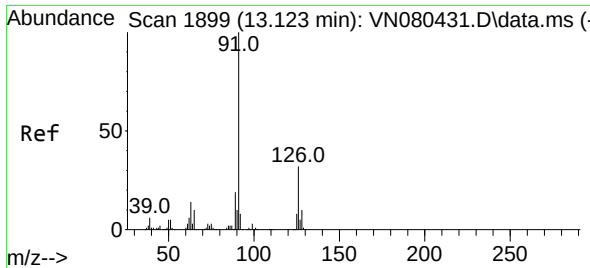


#78
n-propylbenzene
Concen: 49.409 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



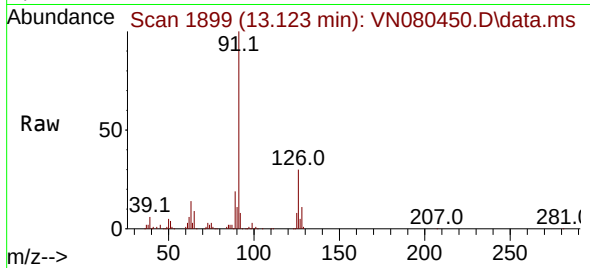
Tgt Ion: 91 Resp: 855859
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.852 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

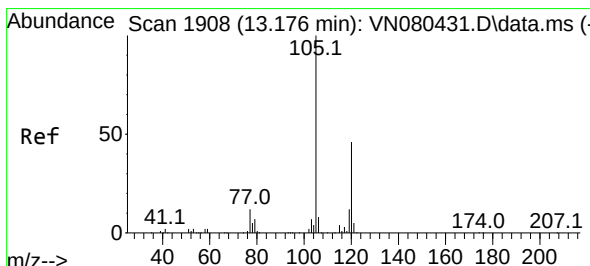
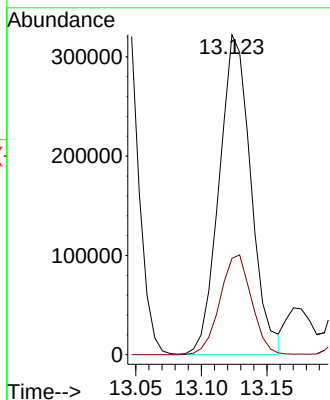
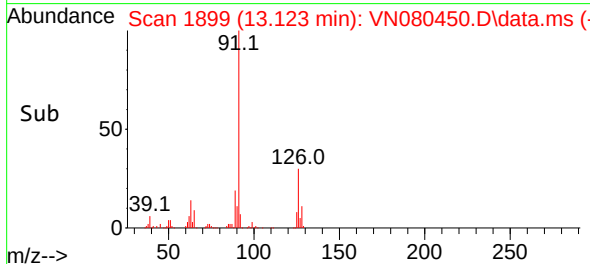
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



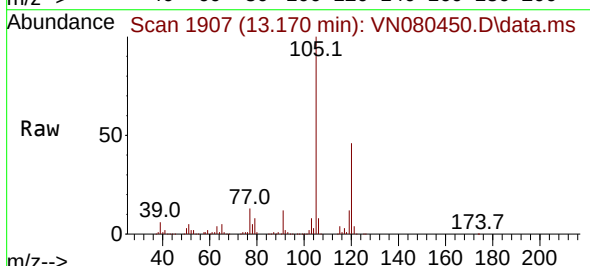
Tgt Ion: 91 Resp: 54114
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

Manual Integrations
APPROVED

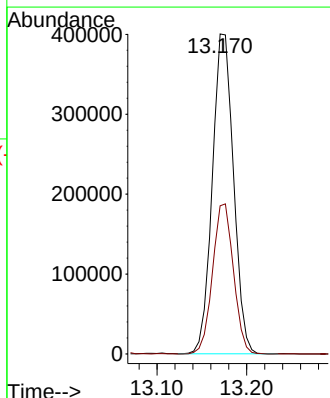
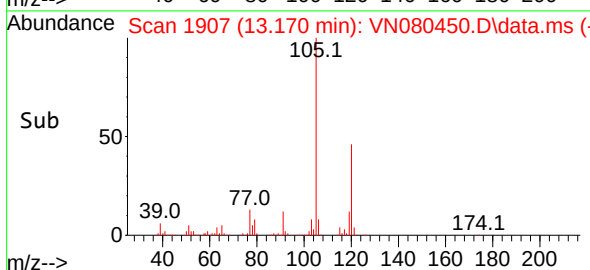
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

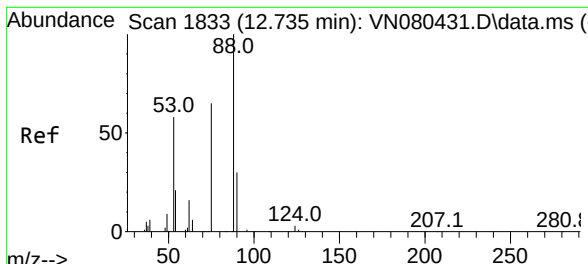


#80
1,3,5-Trimethylbenzene
Concen: 48.549 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



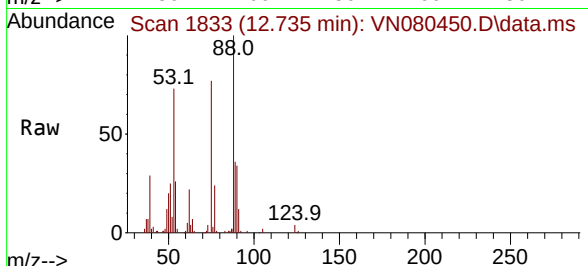
Tgt Ion:105 Resp: 656907
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.514 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

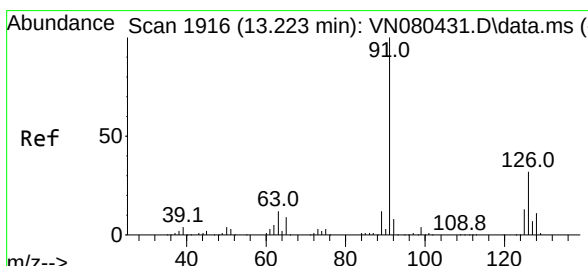
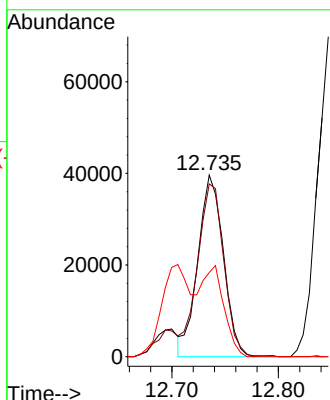
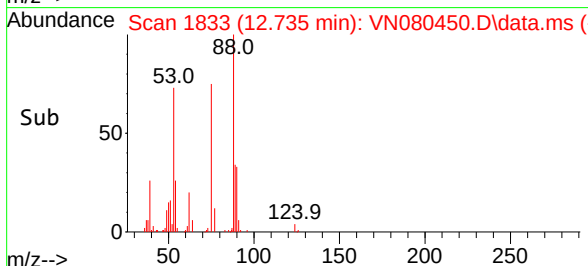
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
53 111.0 67.4 101.2
89 42.1 38.8 58.2

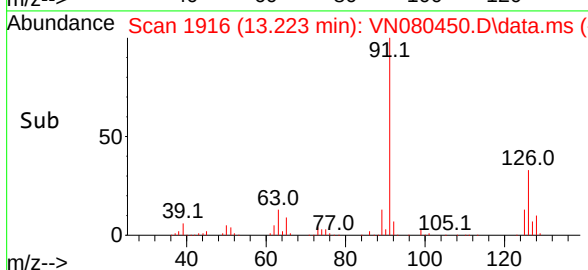
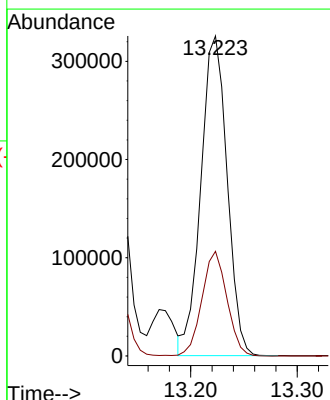
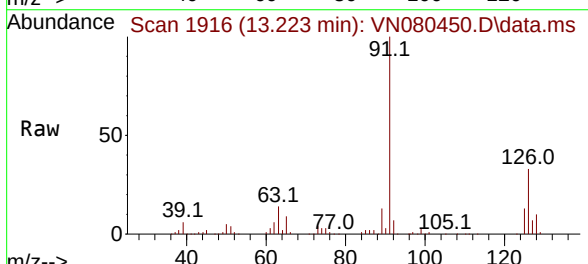
Manual Integrations
APPROVED

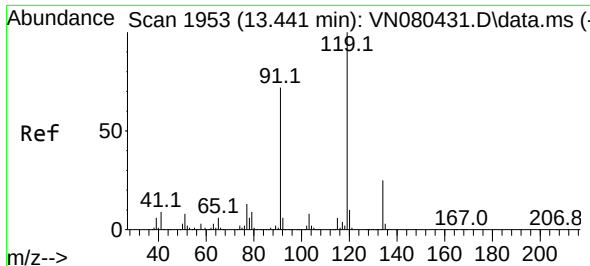
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 47.894 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

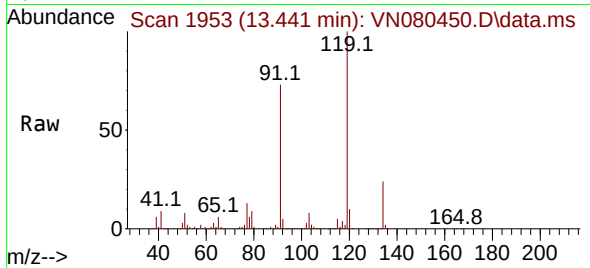
Tgt Ion: 91 Resp: 556713
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.754 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

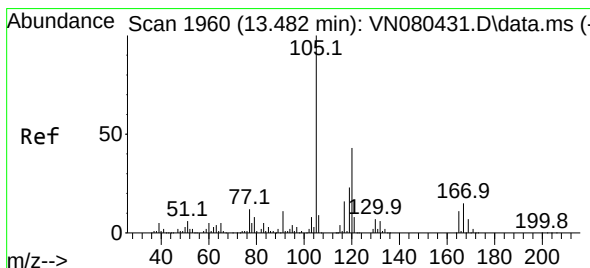
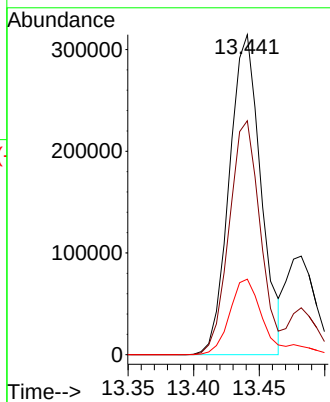
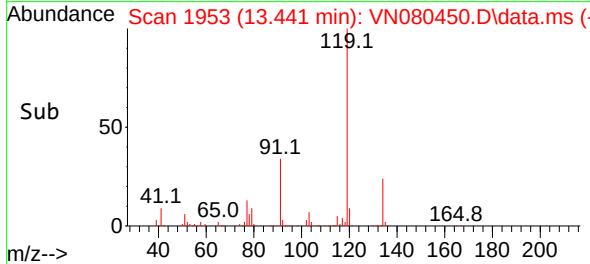
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



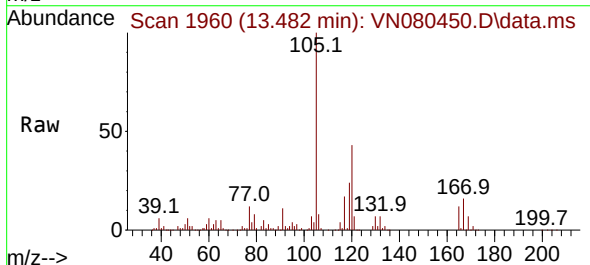
Tgt Ion:119 Resp: 52917
Ion Ratio Lower Upper
119 100
91 71.4 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

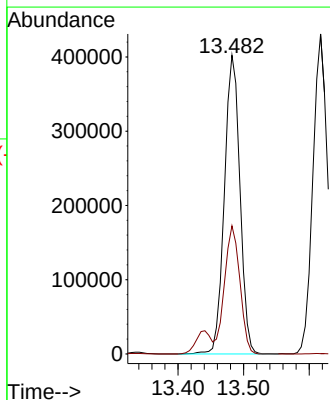
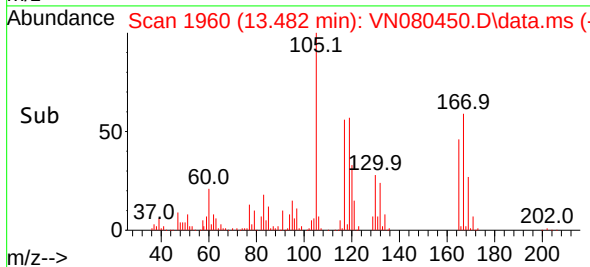
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

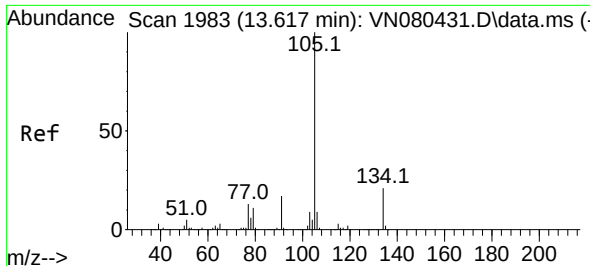


#84
1,2,4-Trimethylbenzene
Concen: 49.024 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14



Tgt Ion:105 Resp: 659894
Ion Ratio Lower Upper
105 100
120 42.6 22.0 66.0





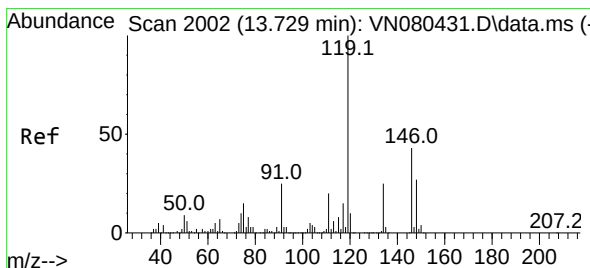
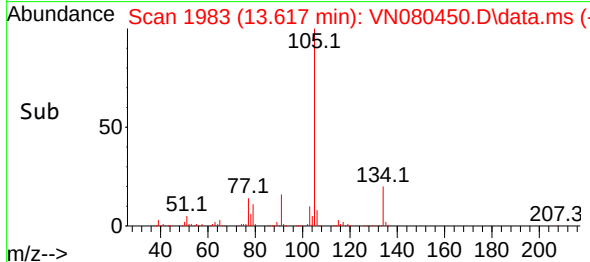
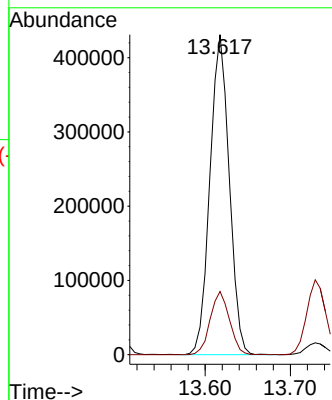
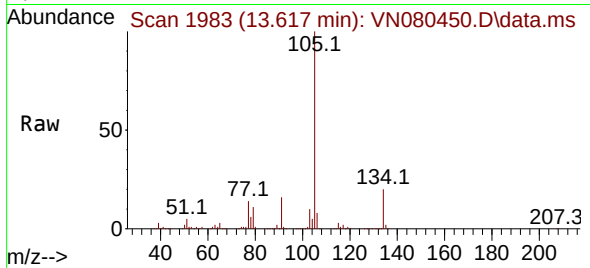
#85
 sec-Butylbenzene
 Concen: 47.910 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 67913
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

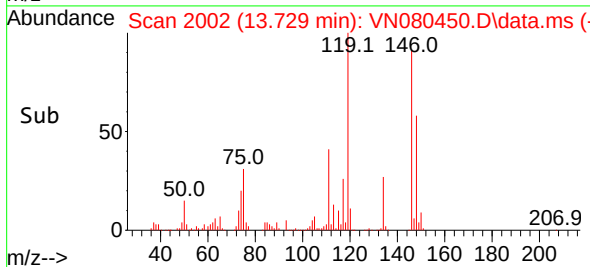
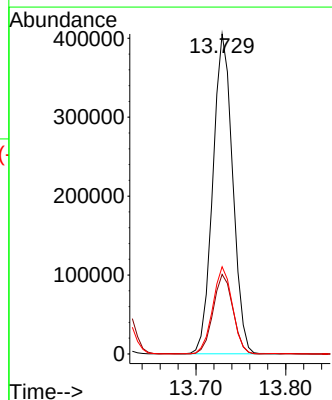
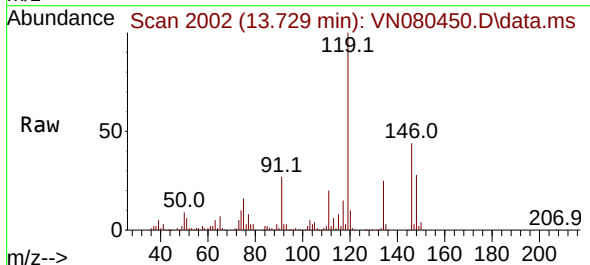
Manual Integrations
 APPROVED

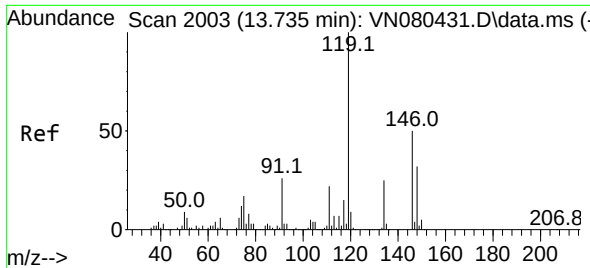
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 48.525 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

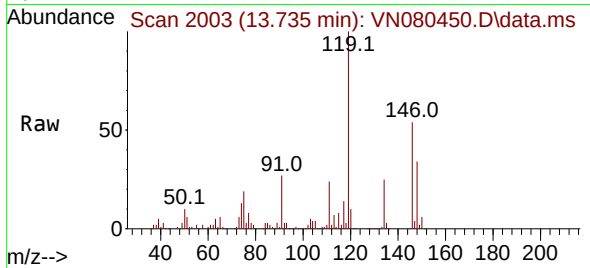
Tgt Ion:119 Resp: 621080
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 46.679 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

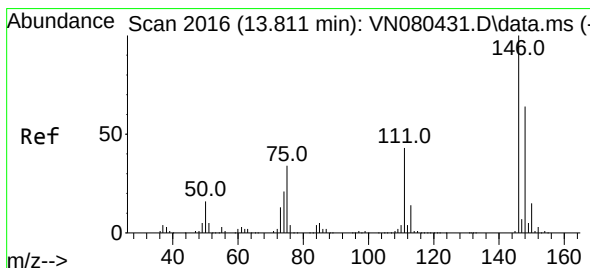
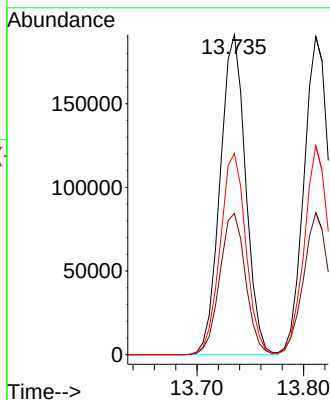
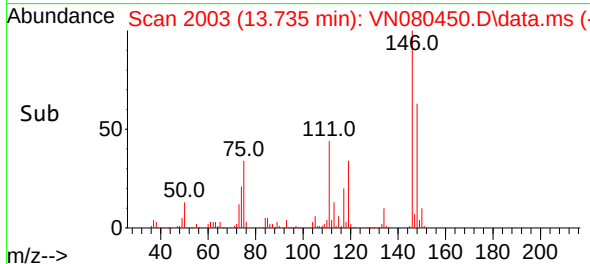
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



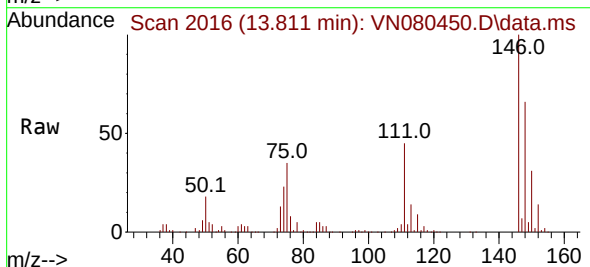
Tgt Ion:146 Resp: 317850
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.3
 148 63.5 32.0 96.0

Manual Integrations
 APPROVED

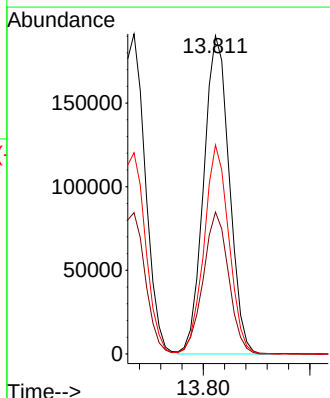
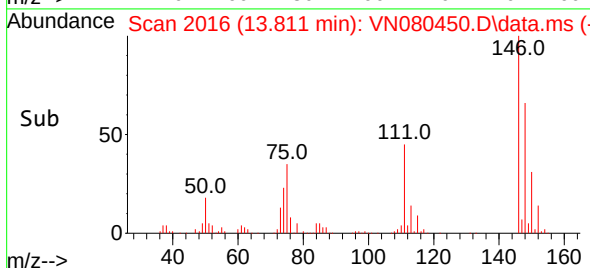
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

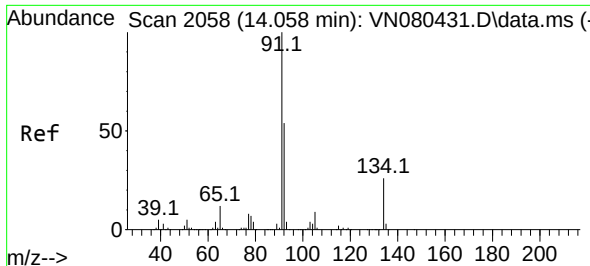


#88
 1,4-Dichlorobenzene
 Concen: 46.077 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14



Tgt Ion:146 Resp: 316709
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.8
 148 63.9 31.6 94.8





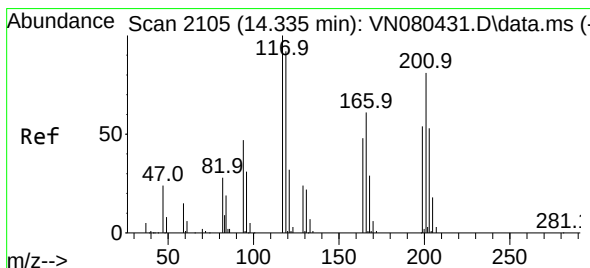
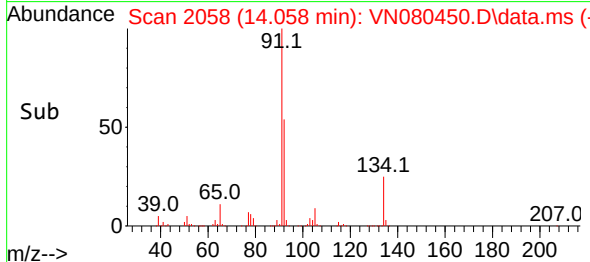
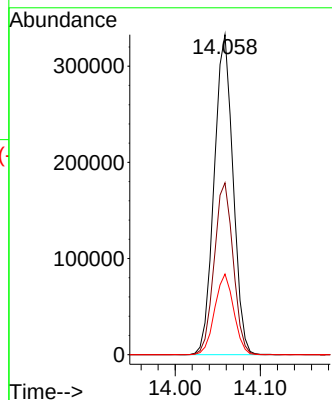
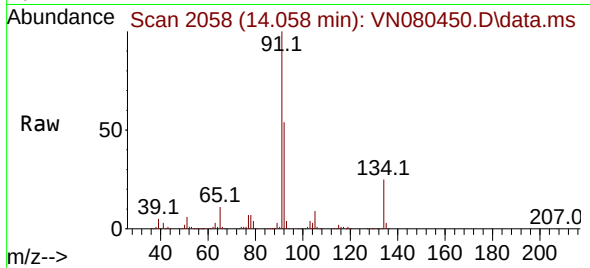
#89
n-Butylbenzene
Concen: 47.882 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 51178
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 25.4 12.6 37.6

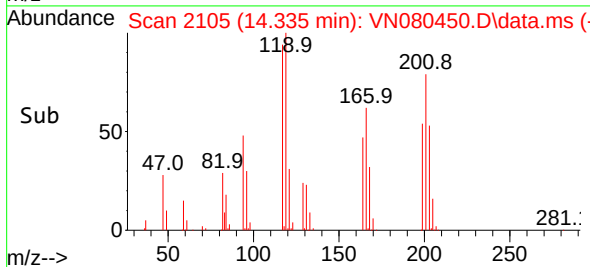
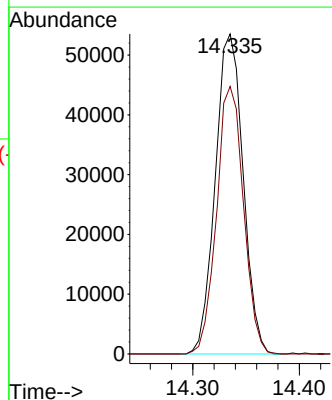
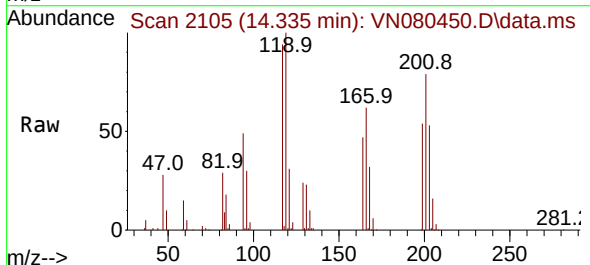
Manual Integrations
APPROVED

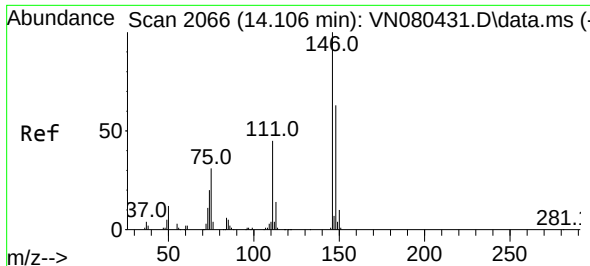
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 47.781 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

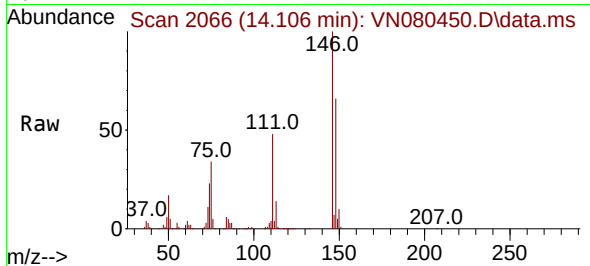
Tgt Ion:117 Resp: 97122
Ion Ratio Lower Upper
117 100
201 80.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.320 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

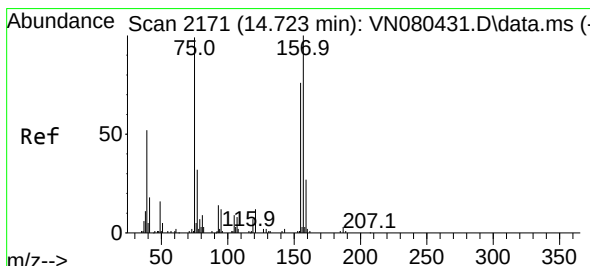
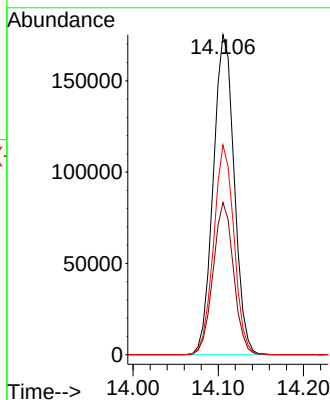
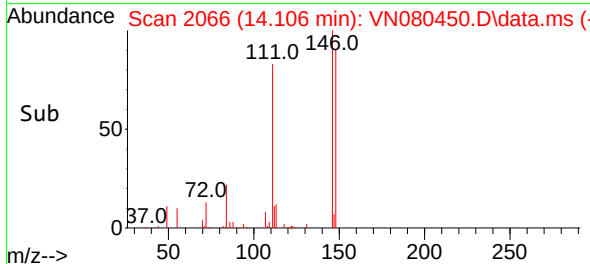
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 299502
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 63.9 31.8 95.3

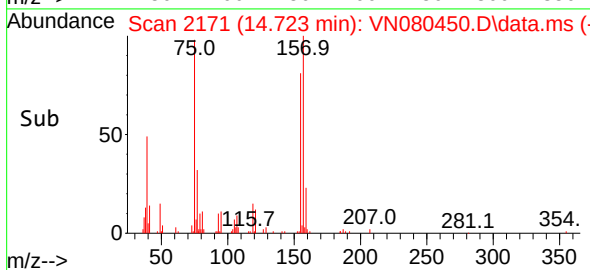
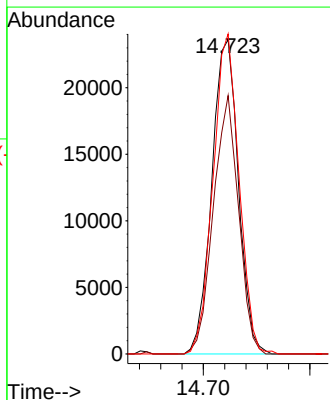
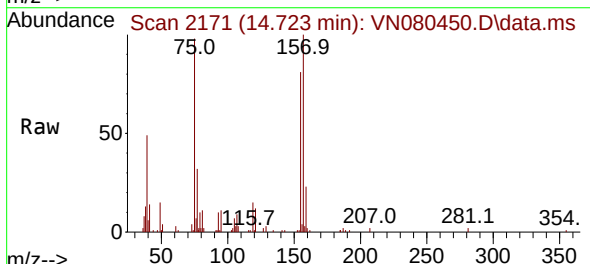
Manual Integrations
APPROVED

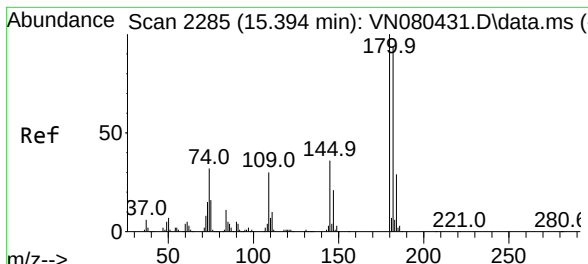
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.164 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

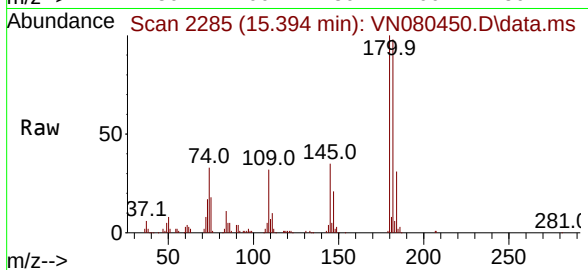
Tgt Ion: 75 Resp: 40878
Ion Ratio Lower Upper
75 100
155 78.1 39.1 117.2
157 99.5 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 49.045 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

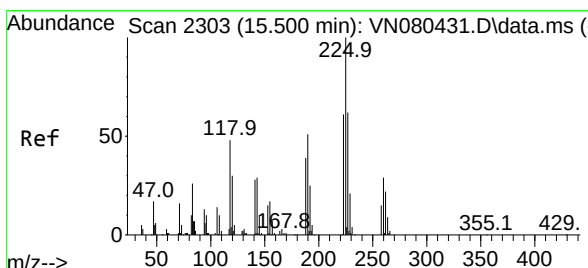
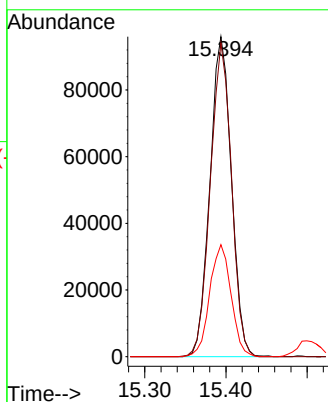
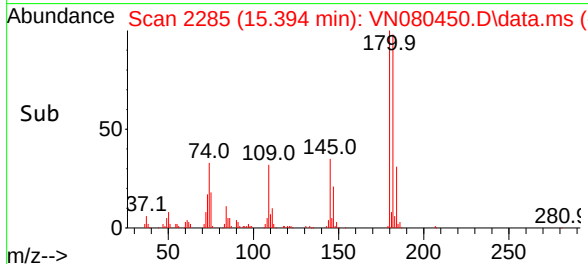
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 17607
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.1 138.2
 145 34.9 16.6 49.8

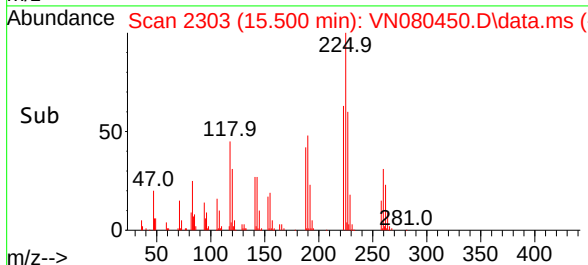
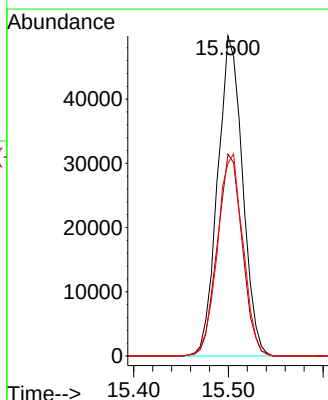
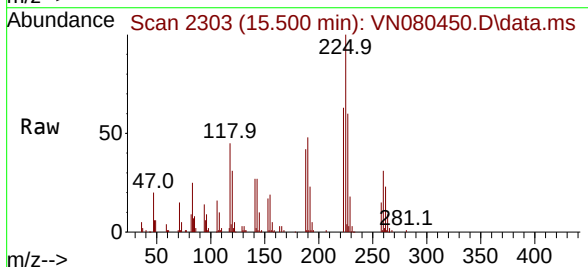
Manual Integrations
 APPROVED

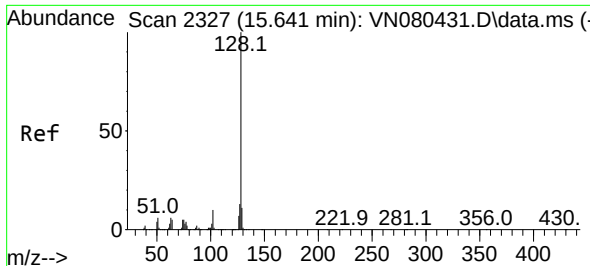
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#94
 Hexachlorobutadiene
 Concen: 44.533 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080450.D
 Acq: 13 Dec 2023 09:14

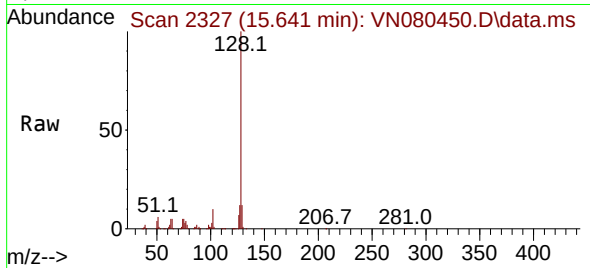
Tgt Ion:225 Resp: 91016
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 64.7 31.9 95.9





#95
Naphthalene
Concen: 48.011 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

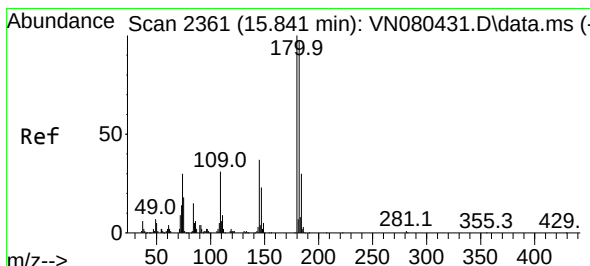
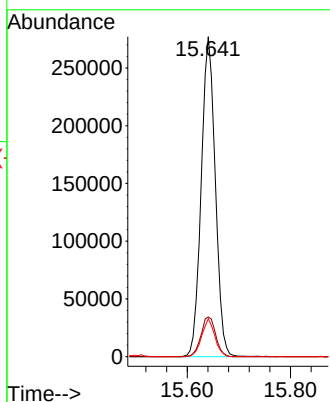
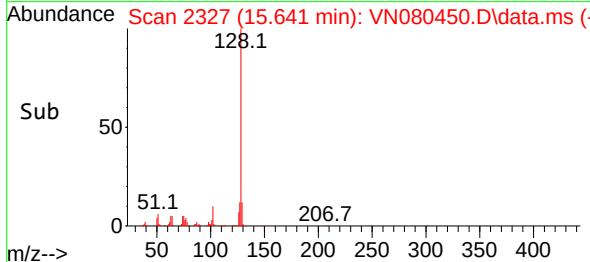
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 52338
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.505 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080450.D
Acq: 13 Dec 2023 09:14

Tgt Ion:180 Resp: 164575
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 35.4 17.5 52.6

