

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080195.D
 Acq On : 18 Nov 2023 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 01:29:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	220190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	309090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	153081	42.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.220%		
35) Dibromofluoromethane	8.171	113	109364	43.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.180%		
50) Toluene-d8	10.570	98	395527	43.731	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.460%		
62) 4-Bromofluorobenzene	12.853	95	152701	44.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	165203	50.369	ug/l	98
3) Chloromethane	2.359	50	103731	42.066	ug/l	97
4) Vinyl Chloride	2.512	62	118426	45.381	ug/l	99
5) Bromomethane	2.942	94	76780	43.340	ug/l	91
6) Chloroethane	3.112	64	75542	46.659	ug/l	99
7) Trichlorofluoromethane	3.494	101	264609	48.608	ug/l	97
8) Diethyl Ether	3.965	74	72420	45.743	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	113001	45.415	ug/l	92
10) Methyl Iodide	4.594	142	137804	51.247	ug/l #	87
11) Tert butyl alcohol	5.530	59	102004	255.129	ug/l	98
12) 1,1-Dichloroethene	4.341	96	106754	45.871	ug/l	85
13) Acrolein	4.183	56	82810	234.040	ug/l	96
14) Allyl chloride	5.024	41	125025	42.700	ug/l #	88
15) Acrylonitrile	5.724	53	258572	240.911	ug/l	99
16) Acetone	4.430	43	211019	172.805	ug/l	91
17) Carbon Disulfide	4.712	76	288735	41.551	ug/l	99
18) Methyl Acetate	5.024	43	178063	45.383	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	403391	49.082	ug/l	99
20) Methylene Chloride	5.277	84	125658	49.138	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	118020	46.161	ug/l #	83
22) Diisopropyl ether	6.677	45	300531	46.392	ug/l	98
23) Vinyl Acetate	6.606	43	906355	232.724	ug/l	94
24) 1,1-Dichloroethane	6.565	63	214828	45.531	ug/l	98
25) 2-Butanone	7.482	43	298285	205.592	ug/l	92
26) 2,2-Dichloropropane	7.494	77	190707	40.740	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	133886	46.189	ug/l	88
28) Bromochloromethane	7.818	49	86457	46.610	ug/l	98
29) Tetrahydrofuran	7.841	42	192025	246.525	ug/l	94
30) Chloroform	7.971	83	256104	48.563	ug/l	92
31) Cyclohexane	8.259	56	168763	42.683	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	259254	50.410	ug/l	99
36) 1,1-Dichloropropene	8.371	75	178080	49.023	ug/l	95
37) Ethyl Acetate	7.565	43	128905	51.159	ug/l	96
38) Carbon Tetrachloride	8.365	117	237556	51.533	ug/l	98
39) Methylcyclohexane	9.606	83	171282	48.902	ug/l	90
40) Benzene	8.612	78	488793	47.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	69493	50.222	ug/l	94
42) 1,2-Dichloroethane	8.677	62	213536	50.555	ug/l	94
43) Isopropyl Acetate	8.694	43	218571	44.577	ug/l	98
44) Trichloroethene	9.353	130	129104	47.672	ug/l	96
45) 1,2-Dichloropropane	9.623	63	113313	47.228	ug/l	95
46) Dibromomethane	9.712	93	89173	49.100	ug/l	90
47) Bromodichloromethane	9.888	83	203028	50.820	ug/l	96
48) Methyl methacrylate	9.682	41	131665	52.107	ug/l	91
49) 1,4-Dioxane	9.694	88	44090	1048.846	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	655922	258.388	ug/l	98
52) Toluene	10.635	92	321896	49.821	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	202275	49.280	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205843	49.087	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	121886	49.426	ug/l	98
56) Ethyl methacrylate	10.876	69	137322	54.509	ug/l	93
57) 1,3-Dichloropropane	11.165	76	214854	49.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	376752	265.456	ug/l	99
59) 2-Hexanone	11.200	43	481382	235.990	ug/l	97
60) Dibromochloromethane	11.359	129	154878	52.459	ug/l	99
61) 1,2-Dibromoethane	11.476	107	123775	49.200	ug/l	100
64) Tetrachloroethene	11.106	164	116726	49.484	ug/l	98
65) Chlorobenzene	11.894	112	336294	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	139846	51.453	ug/l	94
67) Ethyl Benzene	11.965	91	629557	50.515	ug/l	96
68) m/p-Xylenes	12.076	106	465509	102.444	ug/l	88
69) o-Xylene	12.400	106	223752	52.249	ug/l	86
70) Styrene	12.417	104	338030	53.034	ug/l	93
71) Bromoform	12.582	173	106542	52.860	ug/l #	99
73) Isopropylbenzene	12.700	105	605321	49.804	ug/l	98
74) N-amyl acetate	12.494	43	180557	47.638	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	166221	45.694	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	168843m	44.058	ug/l	
77) Bromobenzene	12.982	156	146642	47.855	ug/l	98
78) n-propylbenzene	13.041	91	662008	48.709	ug/l	100
79) 2-Chlorotoluene	13.129	91	432859	49.036	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	525687	49.686	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	50432	44.461	ug/l #	85
82) 4-Chlorotoluene	13.223	91	434176	48.012	ug/l	97
83) tert-Butylbenzene	13.441	119	416921	49.139	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	522437	50.148	ug/l	96
85) sec-Butylbenzene	13.617	105	540510	50.359	ug/l	99
86) p-Isopropyltoluene	13.735	119	484679	50.551	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	256089	46.386	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	259433	46.760	ug/l	98
89) n-Butylbenzene	14.059	91	386638	48.179	ug/l	100
90) Hexachloroethane	14.335	117	88580	47.390	ug/l	67
91) 1,2-Dichlorobenzene	14.111	146	248828	47.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42009	49.718	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	139712	45.468	ug/l	97
94) Hexachlorobutadiene	15.505	225	74222	41.974	ug/l	100
95) Naphthalene	15.647	128	409556	45.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	133730	46.432	ug/l	96

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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

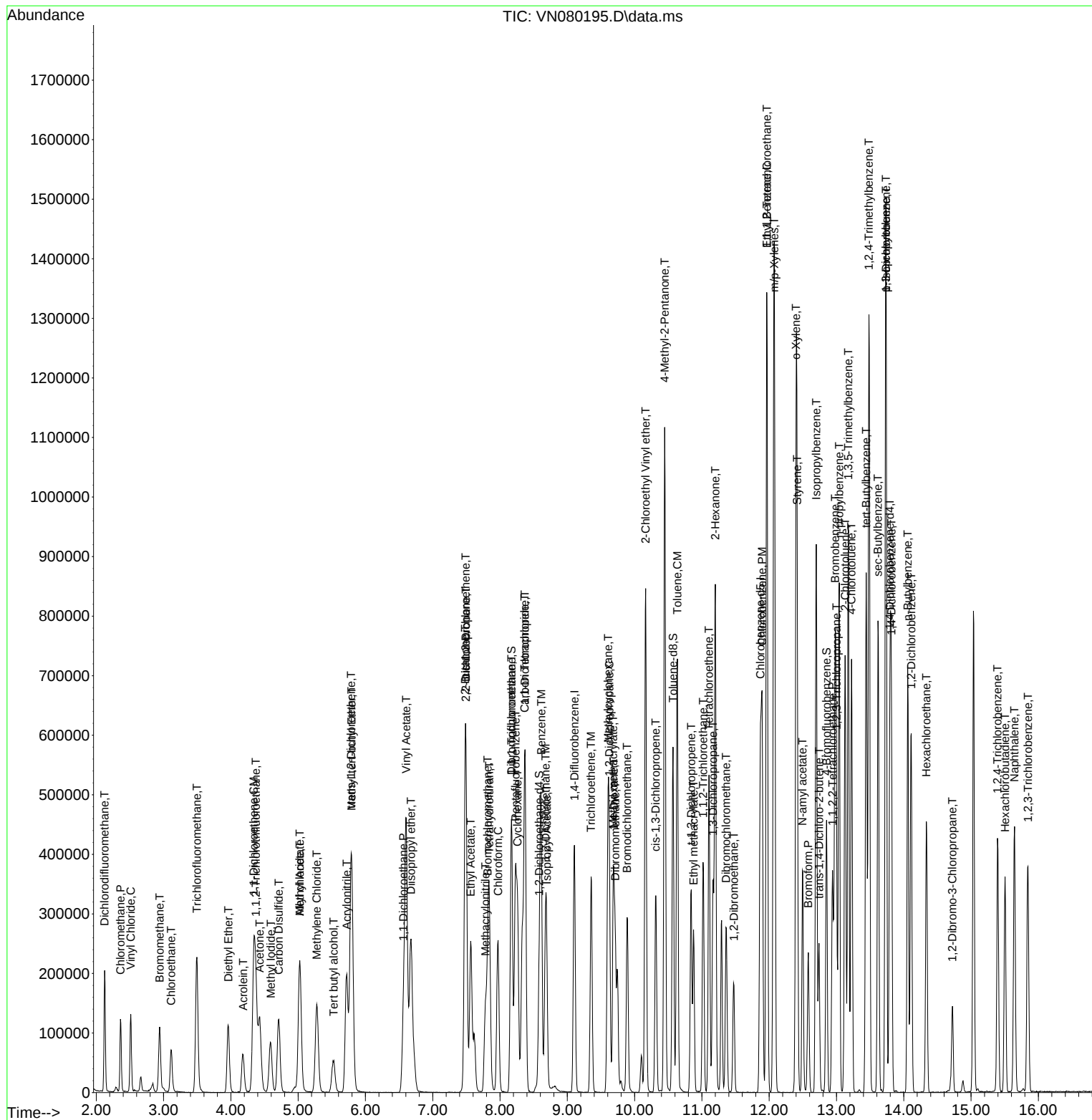
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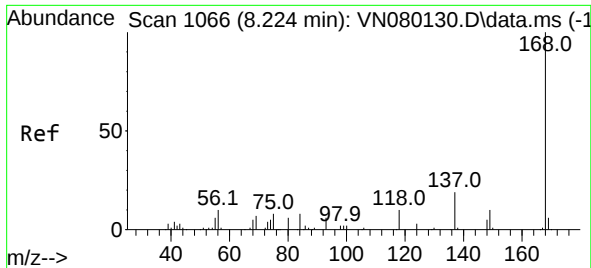
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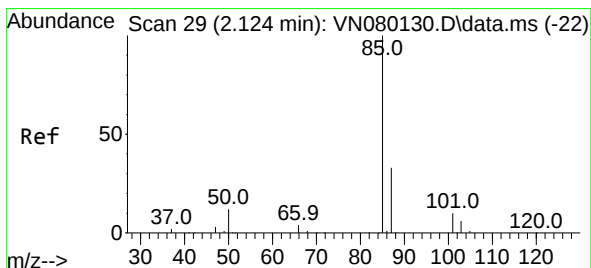
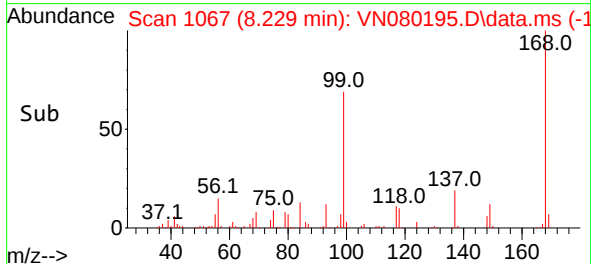
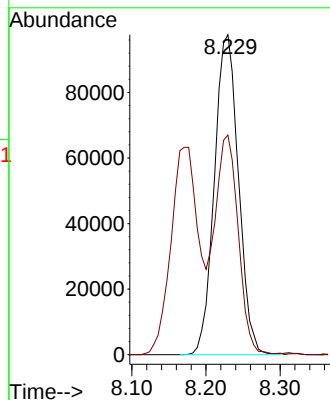
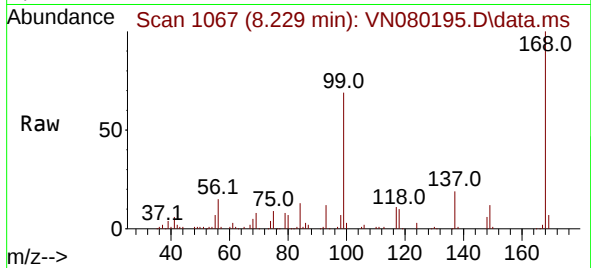
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080195.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 220190
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6

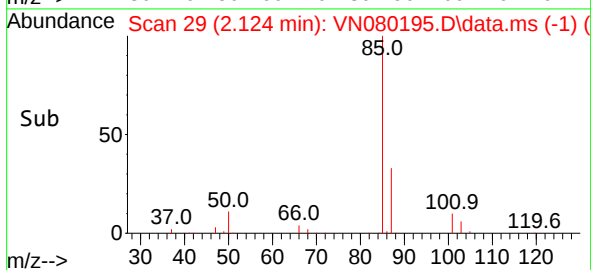
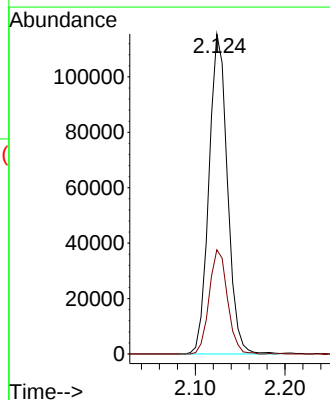
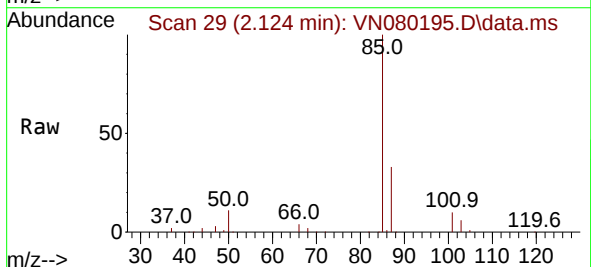
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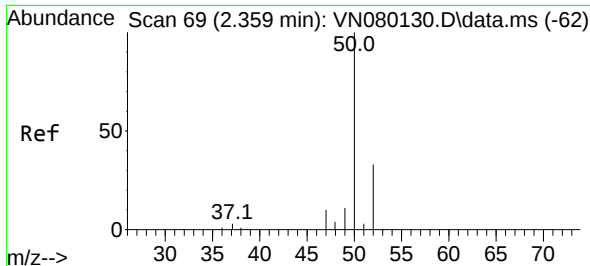
Reviewed By :John Carlone 11/20/2023
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#2
Dichlorodifluoromethane
Concen: 50.369 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion: 85 Resp: 165203
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





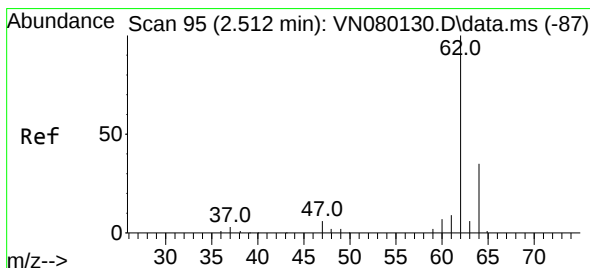
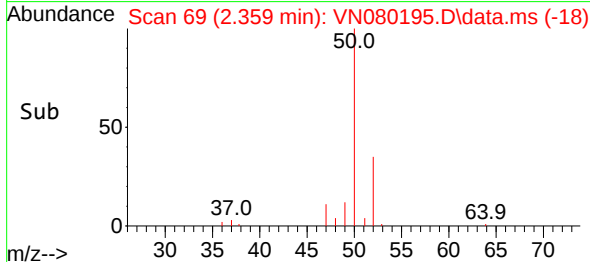
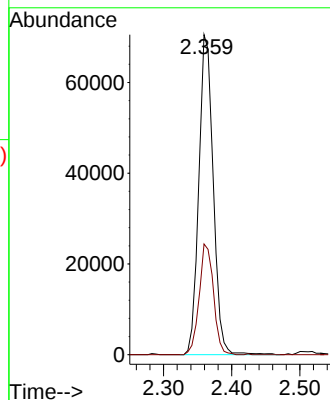
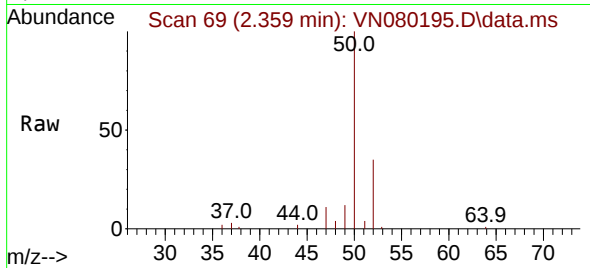
#3
Chloromethane
Concen: 42.066 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
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Tgt Ion: 50 Resp: 10373
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

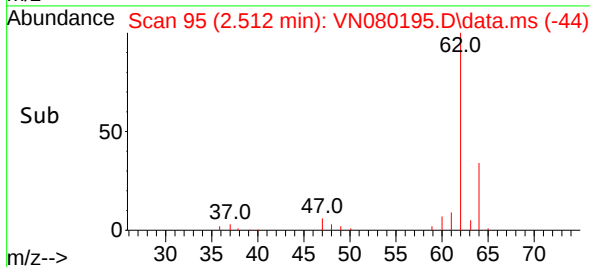
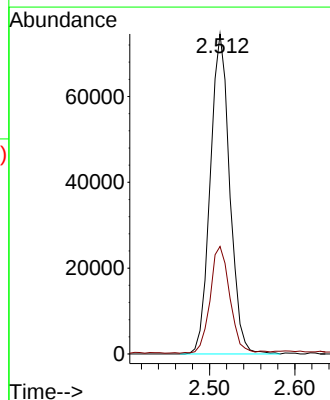
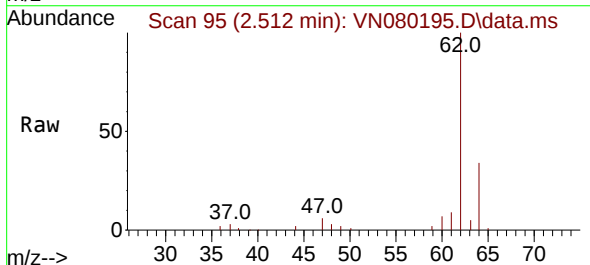
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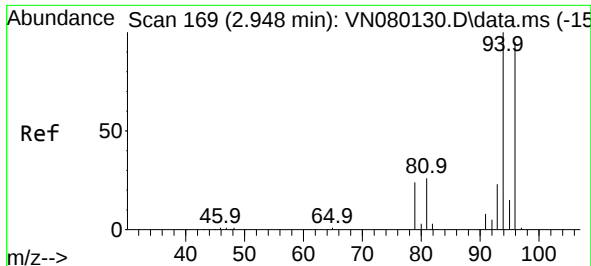
Reviewed By :John Carlone 11/20/2023
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#4
Vinyl Chloride
Concen: 45.381 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion: 62 Resp: 118426
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





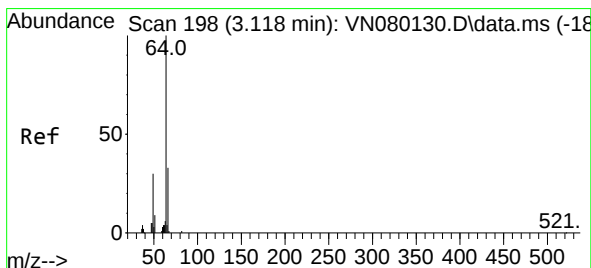
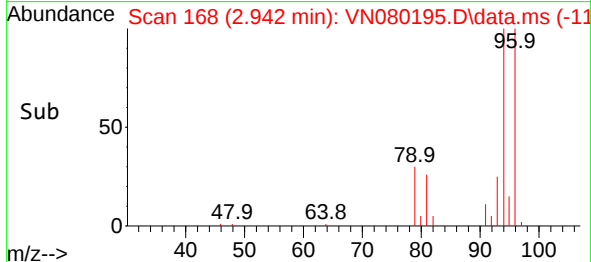
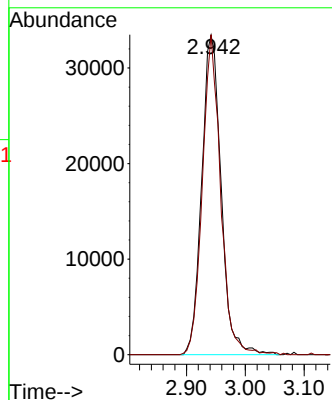
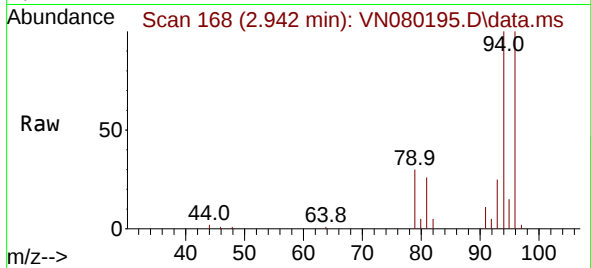
#5
Bromomethane
Concen: 43.340 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080195.D
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Tgt Ion: 94 Resp: 76780
Ion Ratio Lower Upper
94 100
96 100.1 73.1 109.7

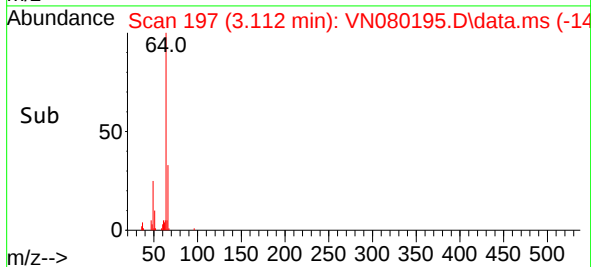
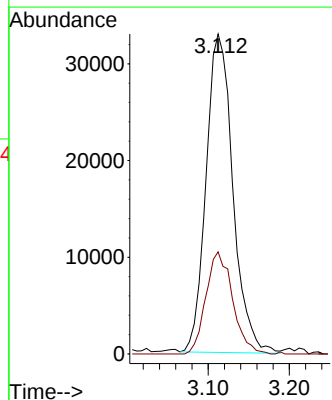
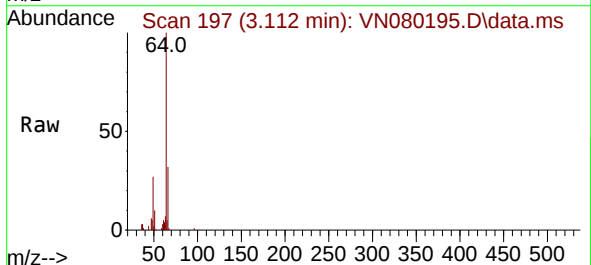
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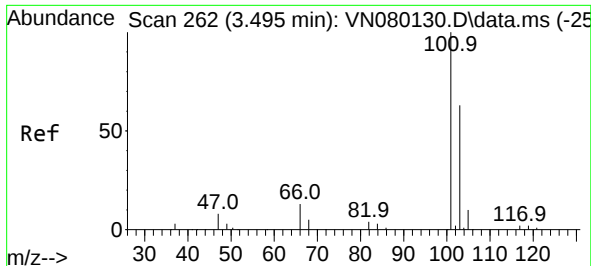
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#6
Chloroethane
Concen: 46.659 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080195.D
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Tgt Ion: 64 Resp: 75542
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





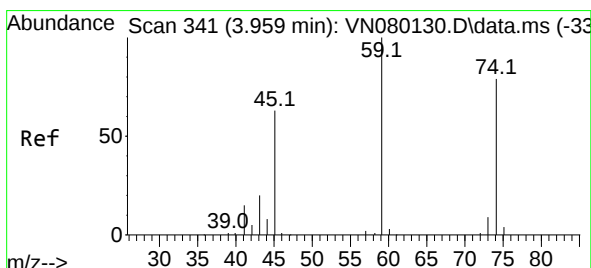
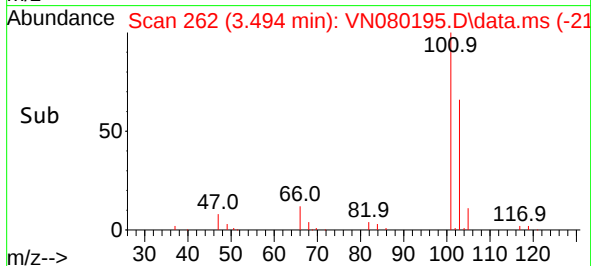
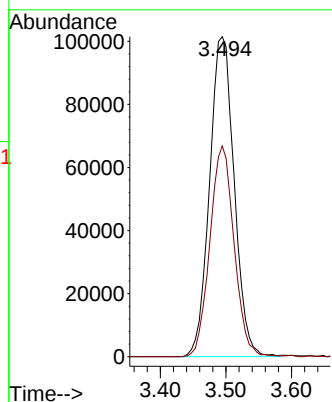
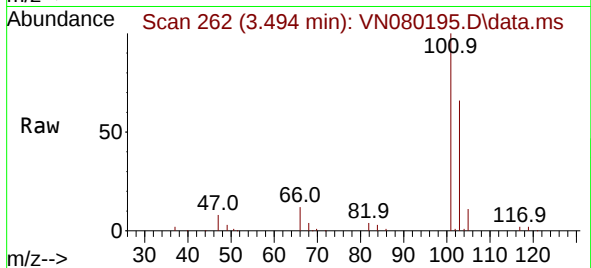
#7
Trichlorofluoromethane
Concen: 48.608 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 264609
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1

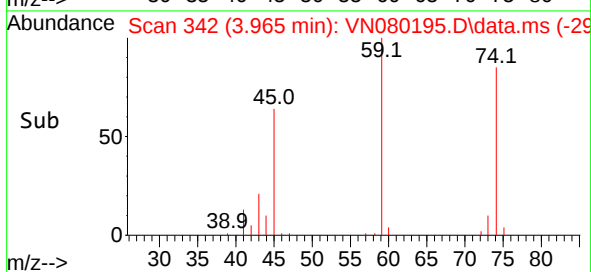
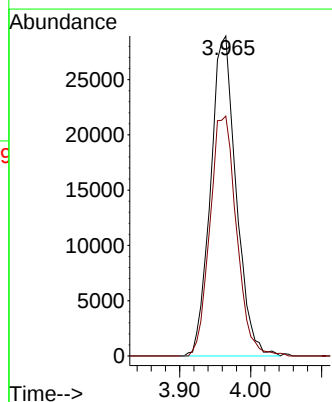
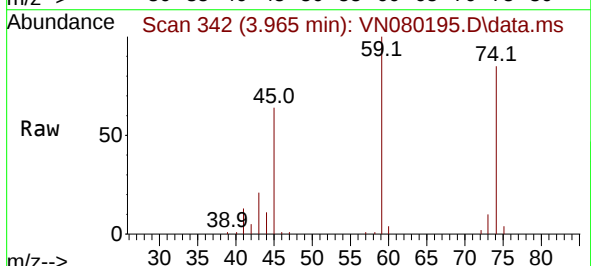
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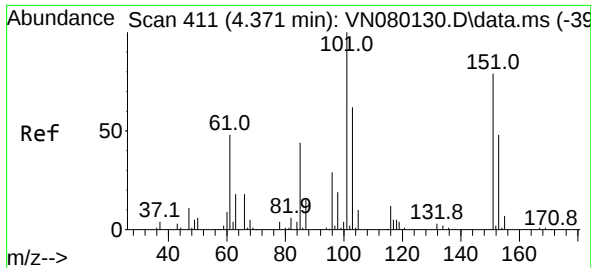
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#8
Diethyl Ether
Concen: 45.743 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion: 74 Resp: 72420
Ion Ratio Lower Upper
74 100
45 77.8 34.4 103.3





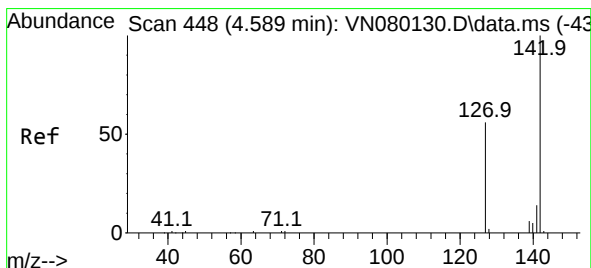
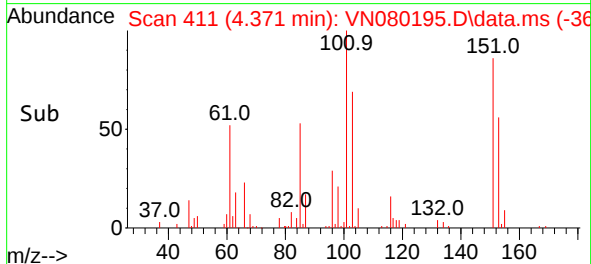
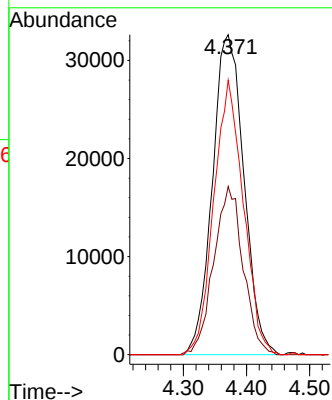
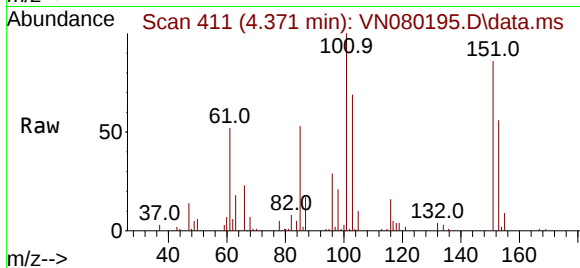
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.415 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11300
Ion Ratio Lower Upper
101 100
85 49.1 36.6 55.0
151 80.5 57.6 86.4

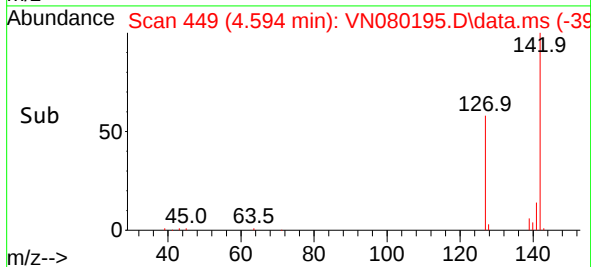
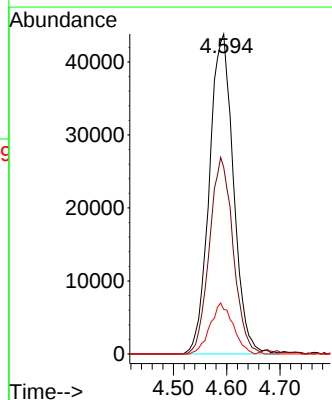
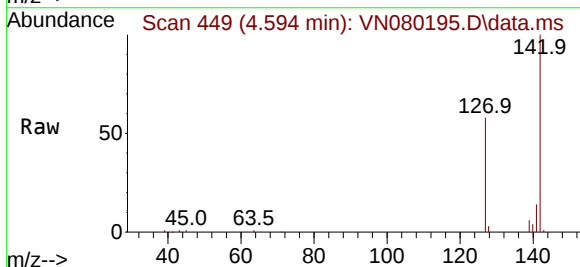
Manual Integrations
APPROVED

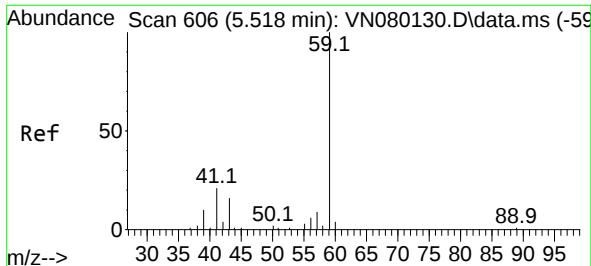
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 51.247 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:142 Resp: 137804
Ion Ratio Lower Upper
142 100
127 58.3 37.6 56.4#
141 13.9 11.4 17.0





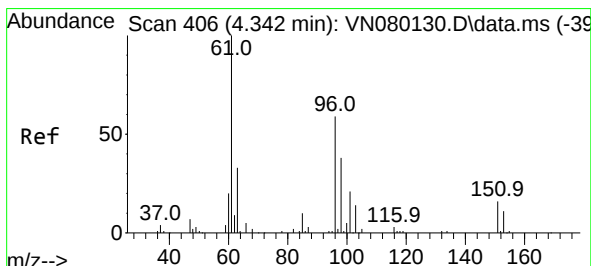
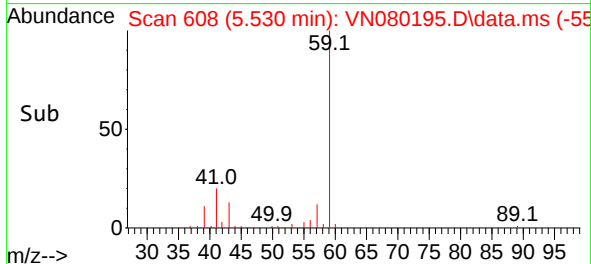
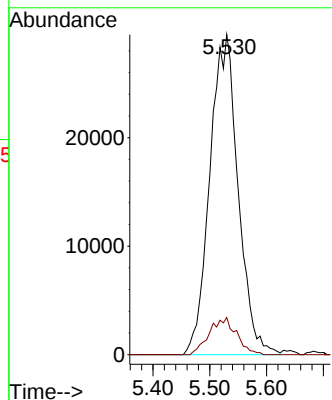
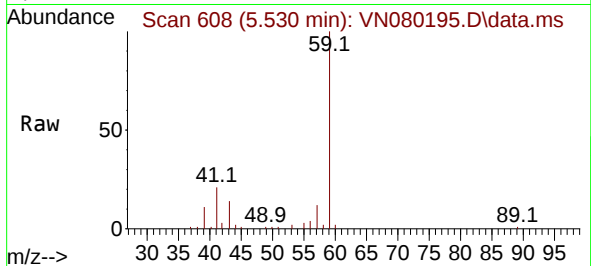
#11
Tert butyl alcohol
Concen: 255.129 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 102004
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

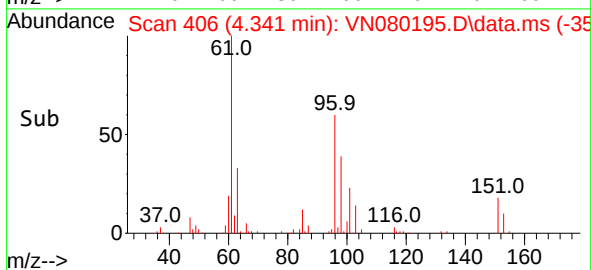
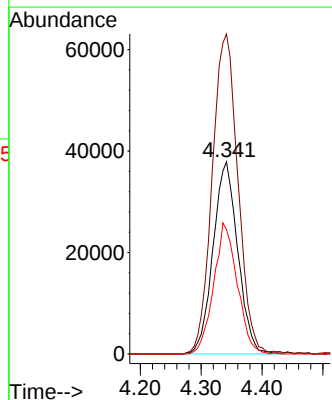
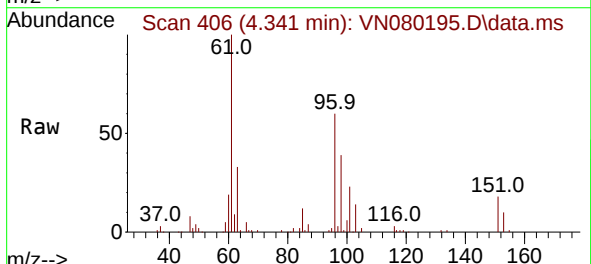
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 45.871 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion: 96 Resp: 106754
Ion Ratio Lower Upper
96 100
61 166.5 112.7 169.1
98 64.8 51.2 76.8





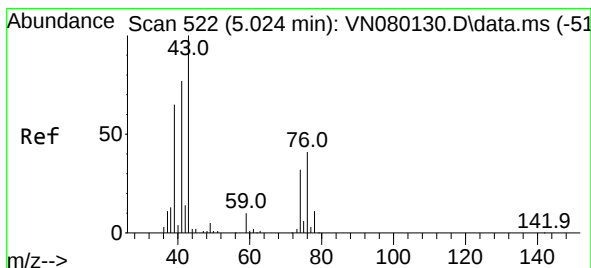
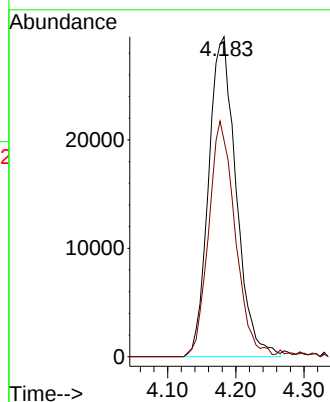
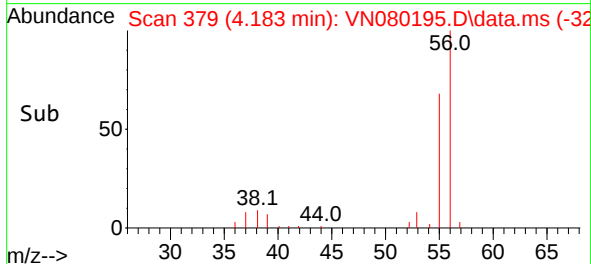
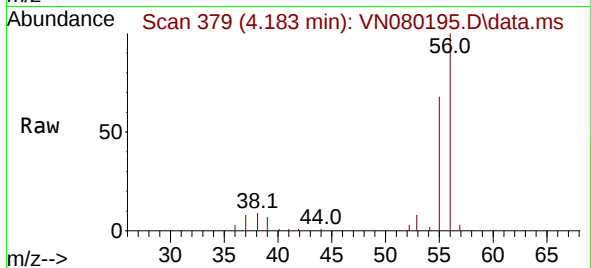
#13
Acrolein
Concen: 234.040 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 82810
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

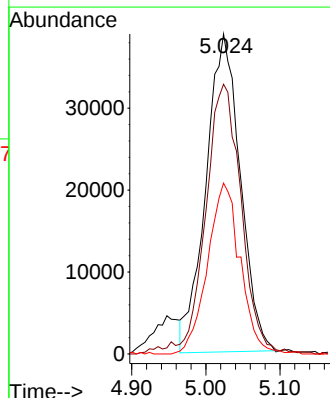
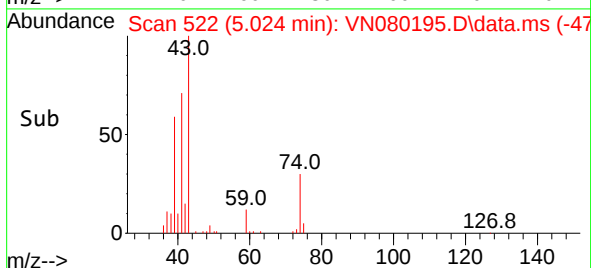
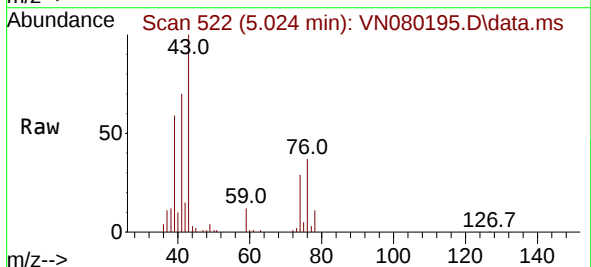
Manual Integrations
APPROVED

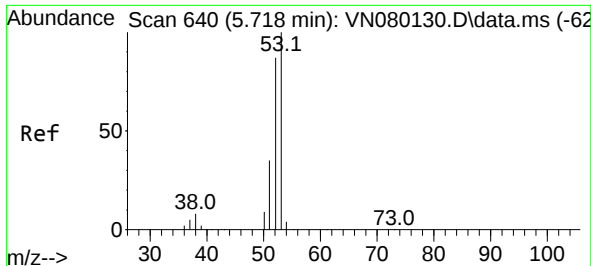
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 42.700 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

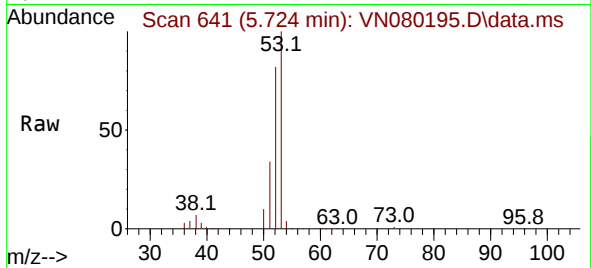
Tgt Ion: 41 Resp: 125025
Ion Ratio Lower Upper
41 100
39 88.7 58.8 88.2#
76 51.2 39.1 58.7





#15
Acrylonitrile
Concen: 240.911 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

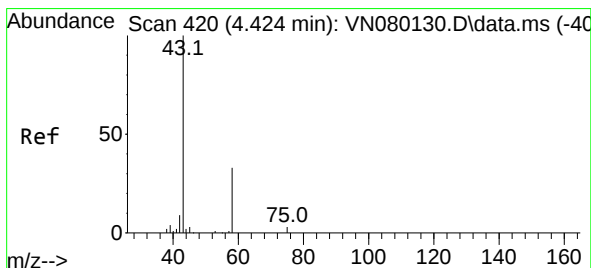
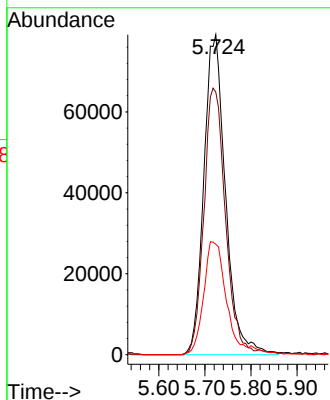
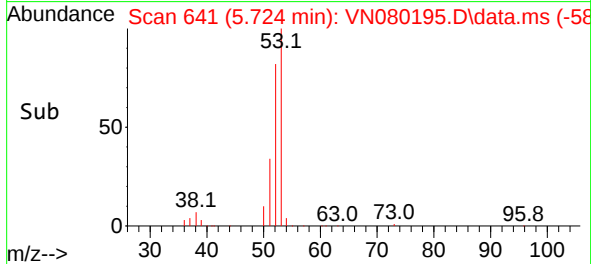
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



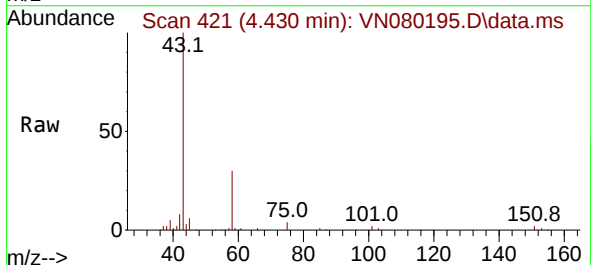
Tgt Ion: 53 Resp: 258572
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.3 28.9 43.3

Manual Integrations
APPROVED

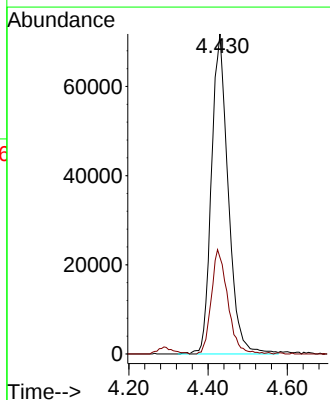
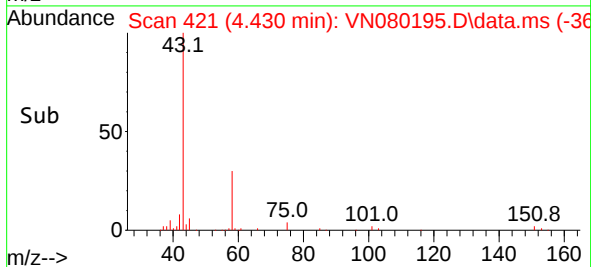
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

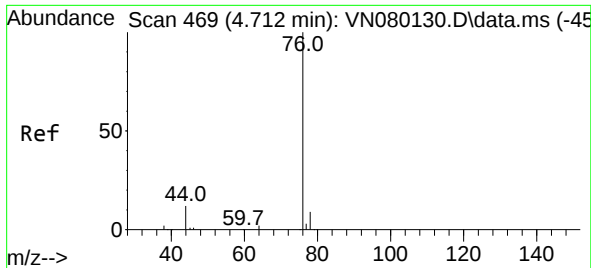


#16
Acetone
Concen: 172.805 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



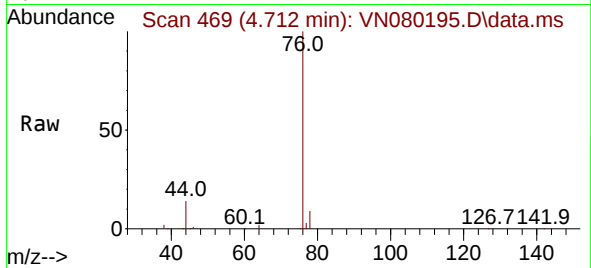
Tgt Ion: 43 Resp: 211019
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0





#17
Carbon Disulfide
Concen: 41.551 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

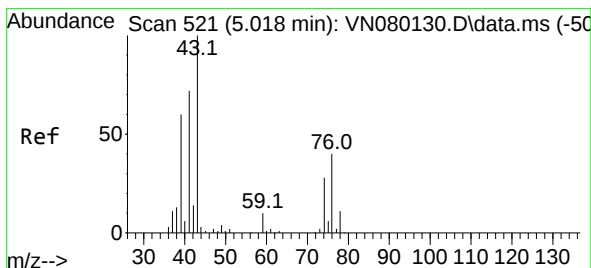
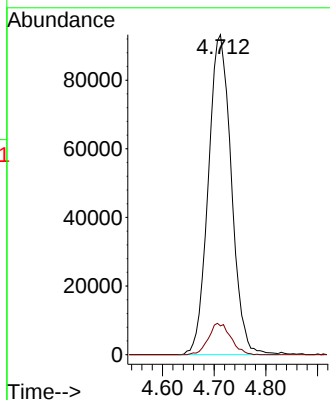
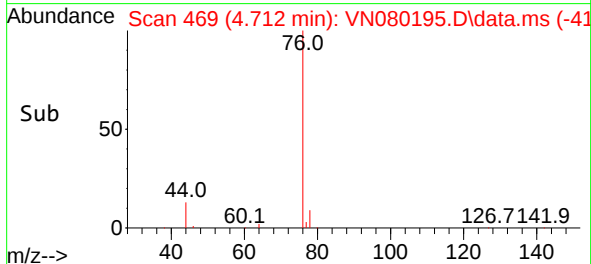
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



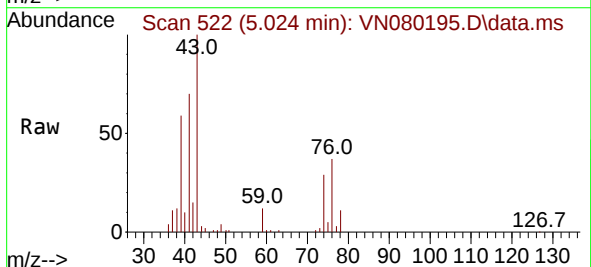
Tgt Ion: 76 Resp: 288735
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

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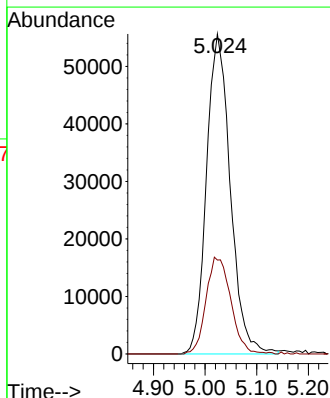
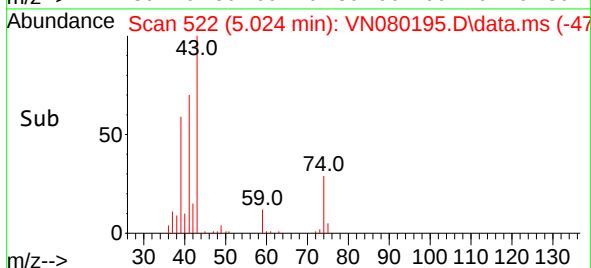
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

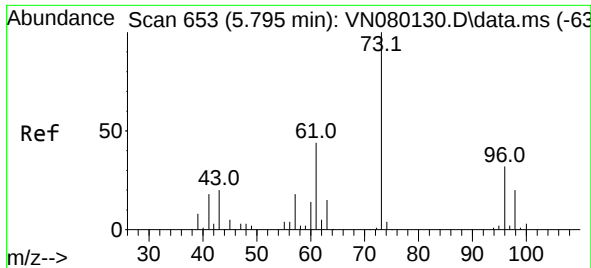


#18
Methyl Acetate
Concen: 45.383 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 43 Resp: 178063
Ion Ratio Lower Upper
43 100
74 31.5 26.2 39.4





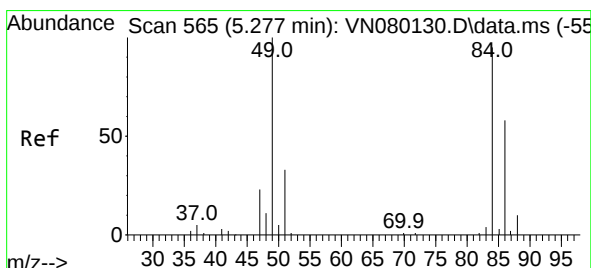
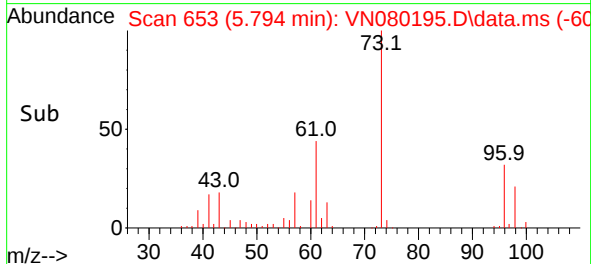
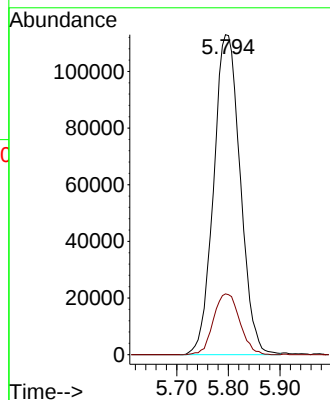
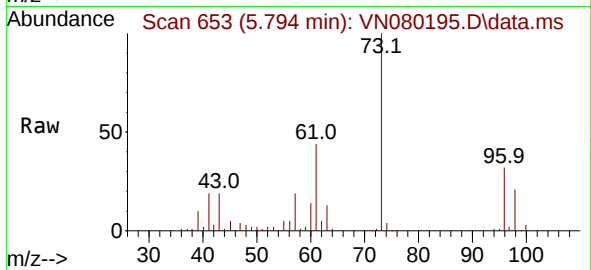
#19
Methyl tert-butyl Ether
Concen: 49.082 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 40339
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

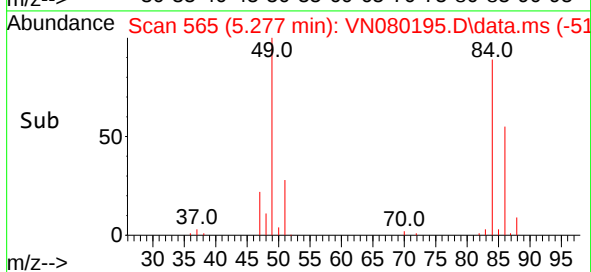
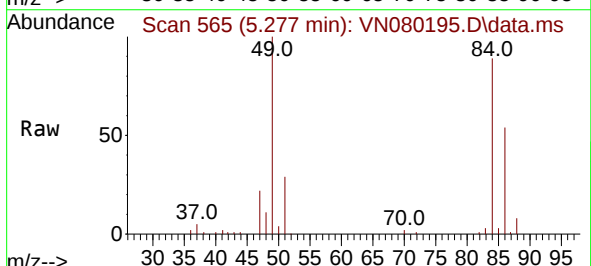
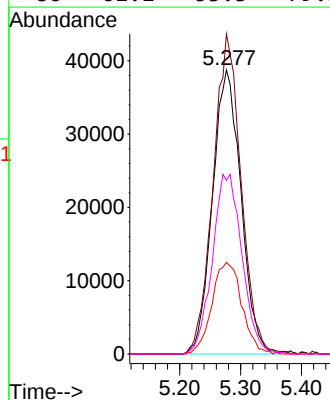
Manual Integrations
APPROVED

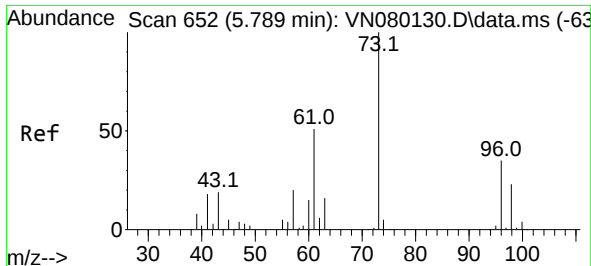
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 49.138 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

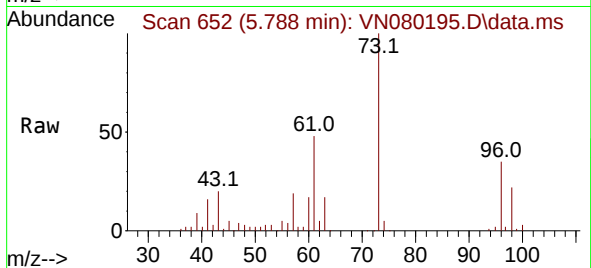
Tgt Ion: 84 Resp: 125658
Ion Ratio Lower Upper
84 100
49 112.7 79.7 119.5
51 32.3 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.161 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

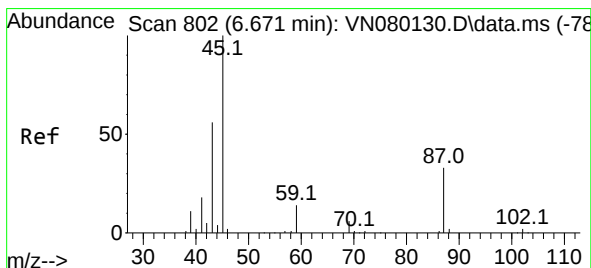
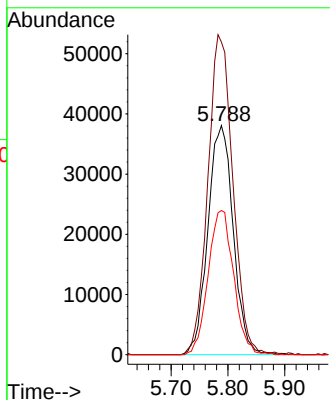
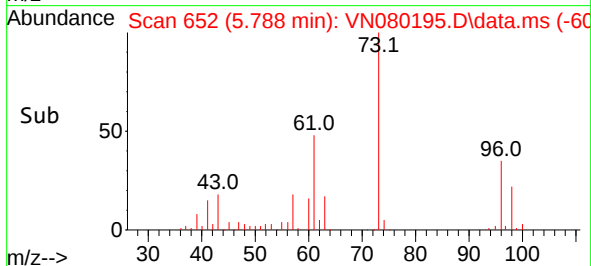
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



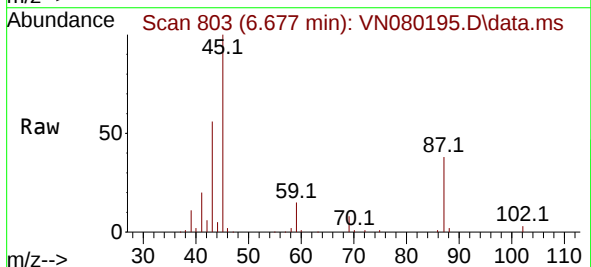
Tgt Ion: 96 Resp: 118020
Ion Ratio Lower Upper
96 100
61 136.5 90.1 135.1
98 62.9 46.4 69.6

Manual Integrations
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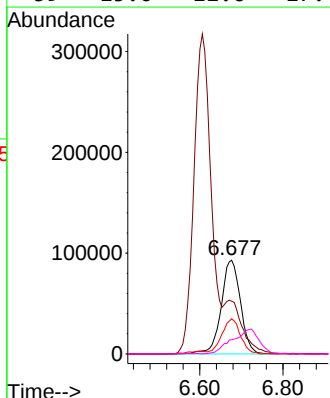
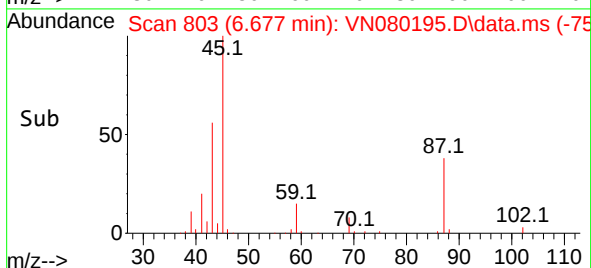
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

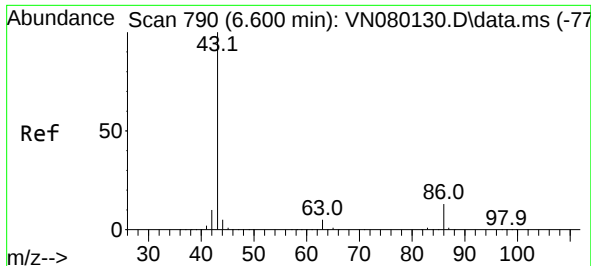


#22
Diisopropyl ether
Concen: 46.392 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 45 Resp: 300531
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 37.6 31.8 47.8
59 15.0 11.6 17.4





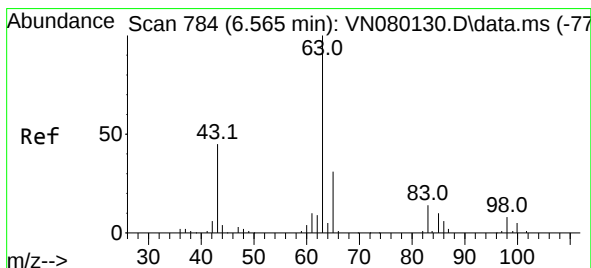
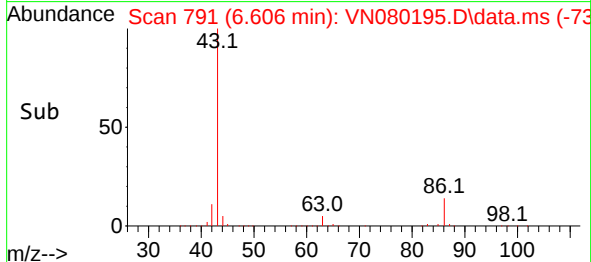
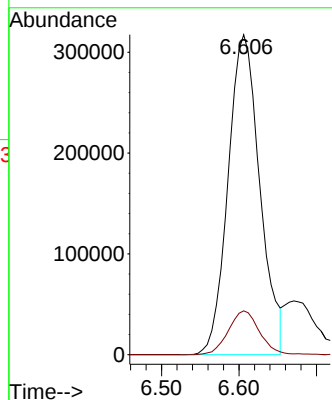
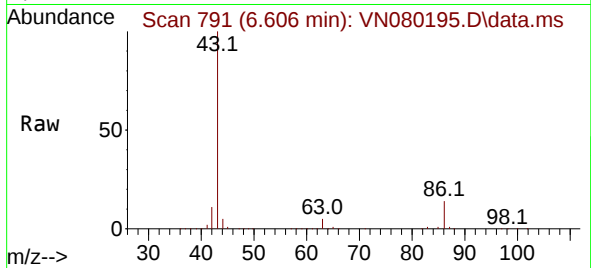
#23
 Vinyl Acetate
 Concen: 232.724 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080195.D
 Acq: 18 Nov 2023 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 90635
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

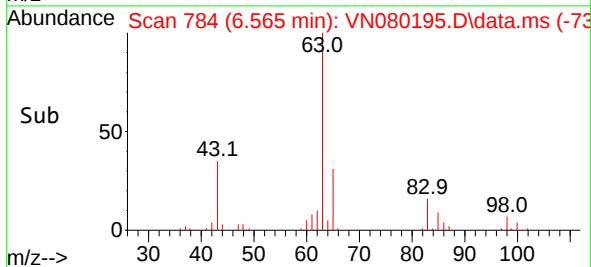
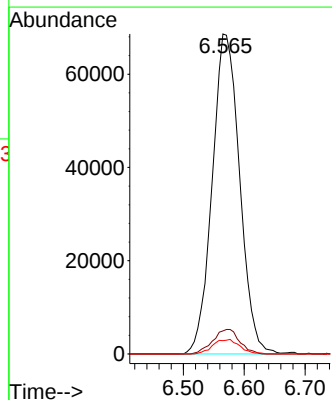
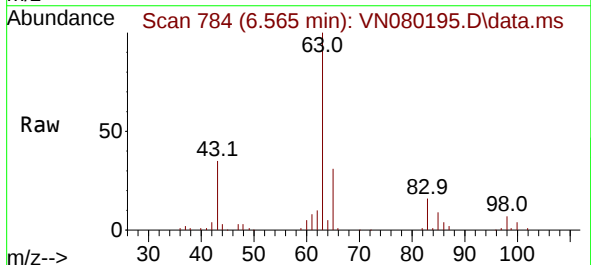
Manual Integrations
 APPROVED

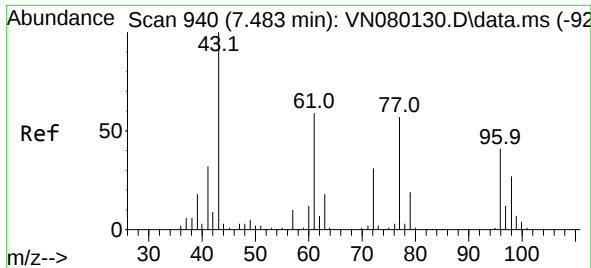
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 45.531 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080195.D
 Acq: 18 Nov 2023 19:43

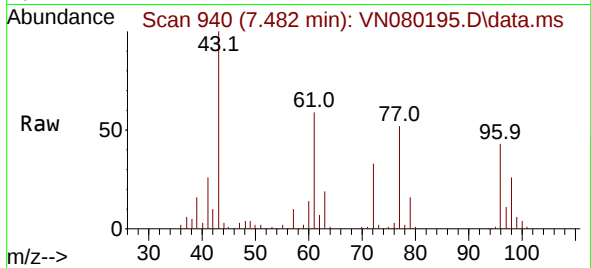
Tgt Ion: 63 Resp: 214828
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 205.592 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

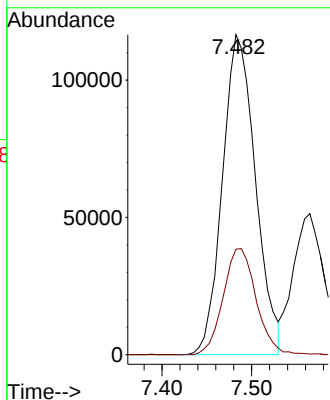
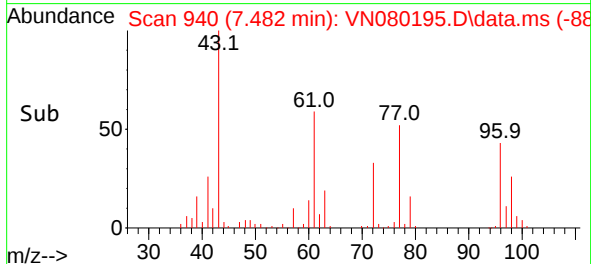
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



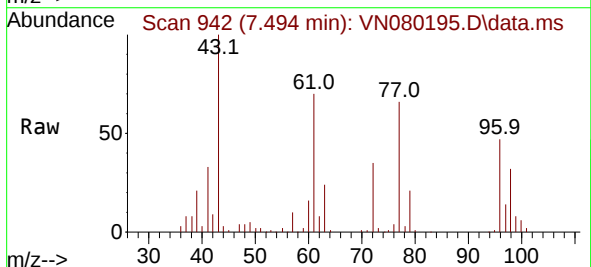
Tgt Ion: 43 Resp: 298285
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

Manual Integrations
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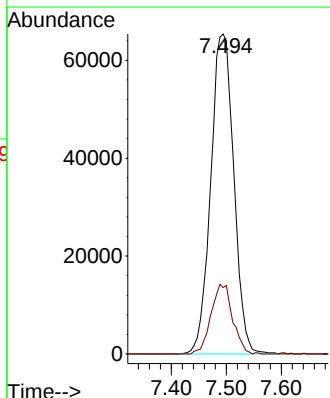
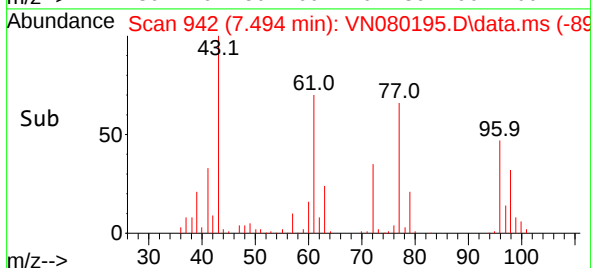
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

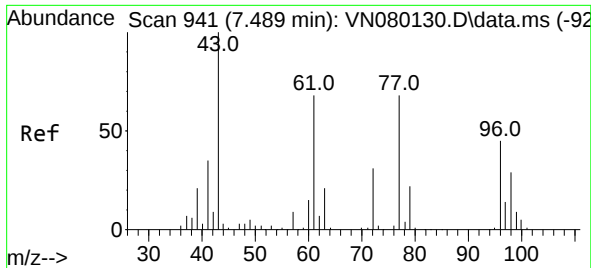


#26
2,2-Dichloropropane
Concen: 40.740 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



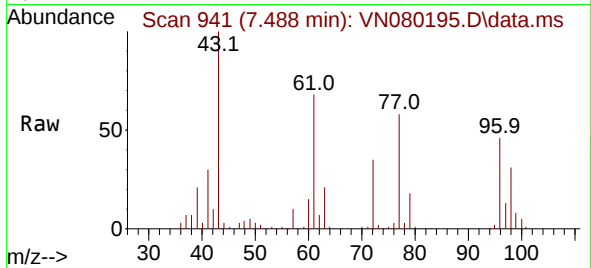
Tgt Ion: 77 Resp: 190707
Ion Ratio Lower Upper
77 100
97 20.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.189 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080195.D
 Acq: 18 Nov 2023 19:43

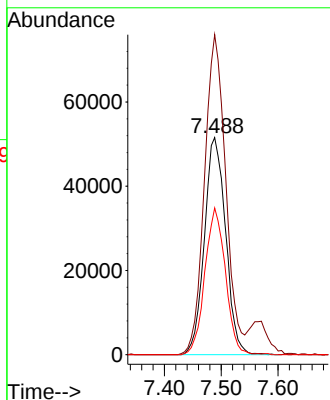
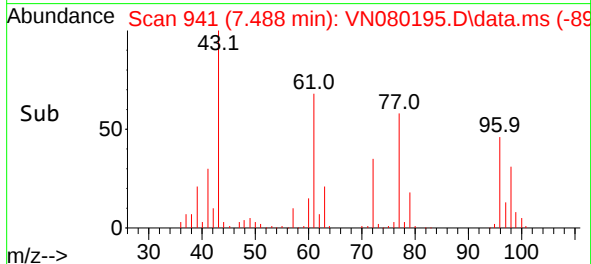
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 13388
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 255.2
 98 65.3 0.0 128.8

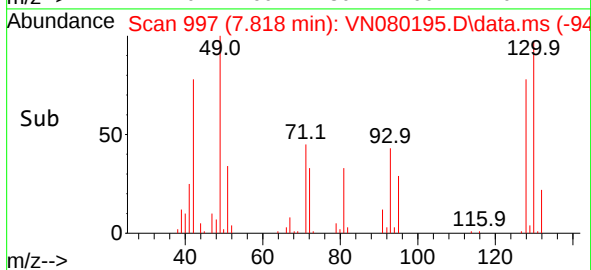
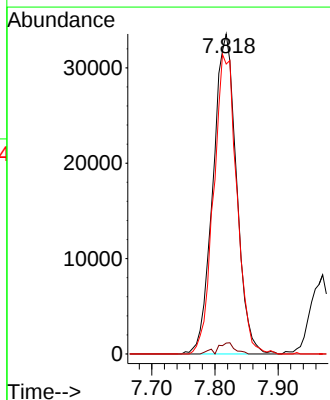
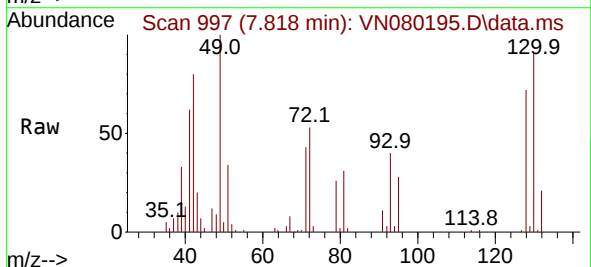
Manual Integrations
 APPROVED

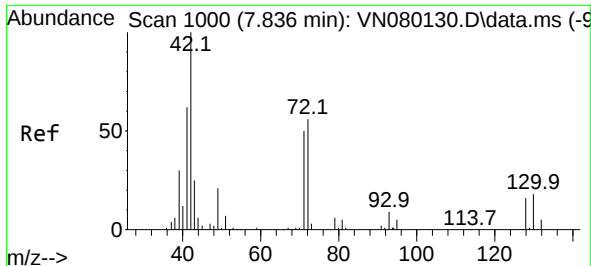
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 46.610 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080195.D
 Acq: 18 Nov 2023 19:43

Tgt Ion: 49 Resp: 86457
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 92.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 246.525 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

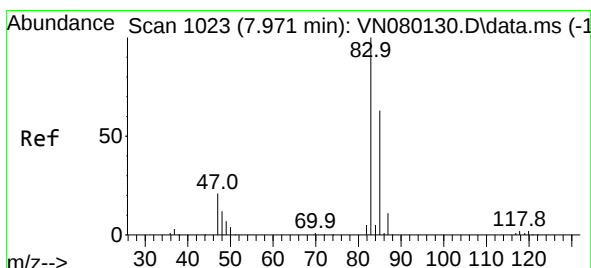
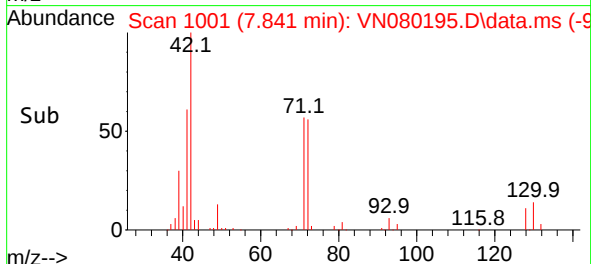
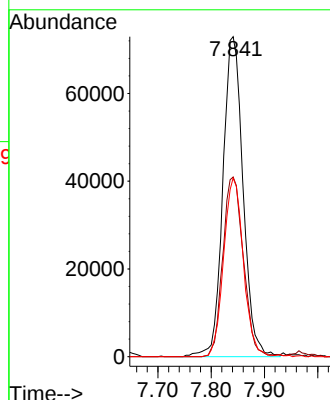
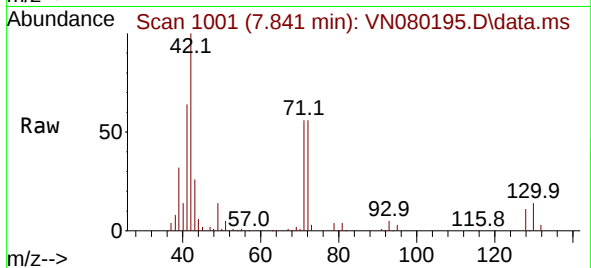
Tgt Ion:	42	Resp:	192025
Ion Ratio	Lower	Upper	
42	100		
72	57.4	49.8	74.6
71	54.5	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 48.563 ug/l

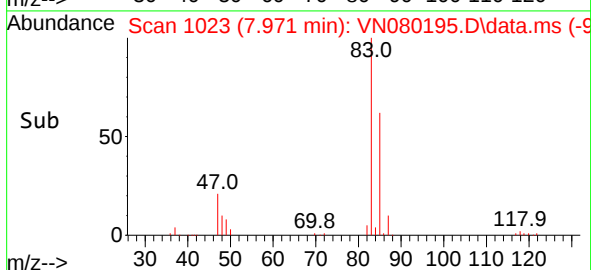
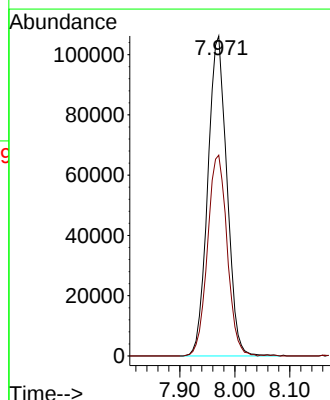
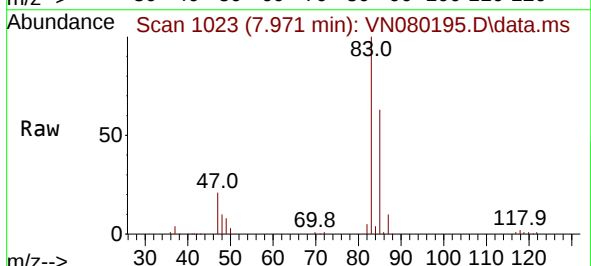
RT: 7.971 min Scan# 1023

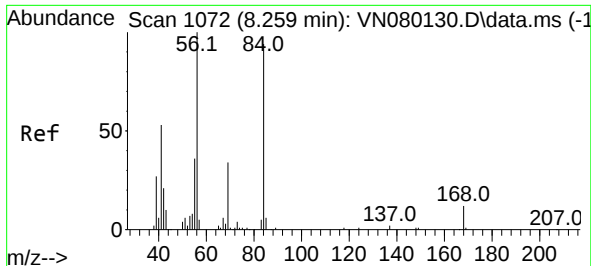
Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

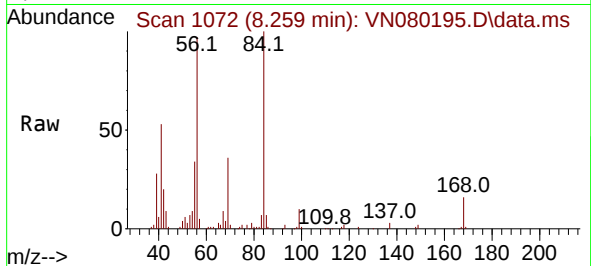
Tgt Ion:	83	Resp:	256104
Ion Ratio	Lower	Upper	
83	100		
85	62.8	55.4	83.0





#31
Cyclohexane
Concen: 42.683 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

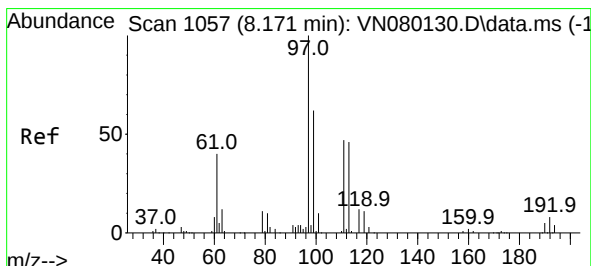
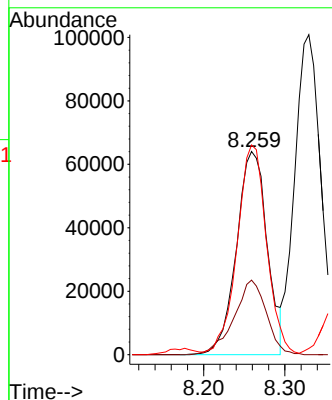
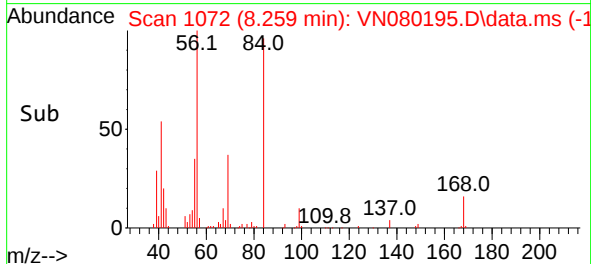
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



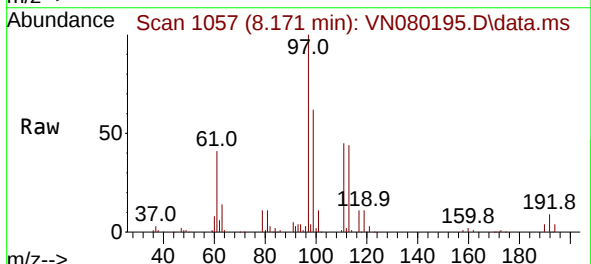
Tgt Ion: 56 Resp: 16876
Ion Ratio Lower Upper
56 100
69 36.7 26.8 40.2
84 100.8 81.8 122.6

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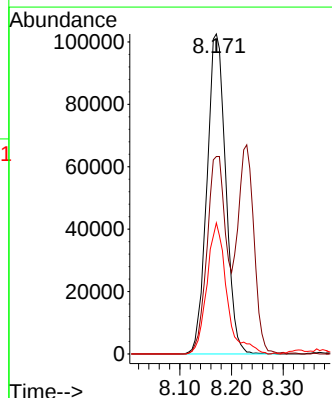
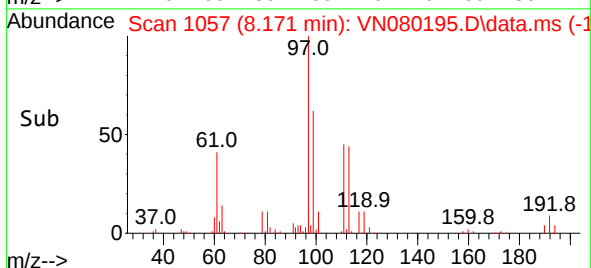
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

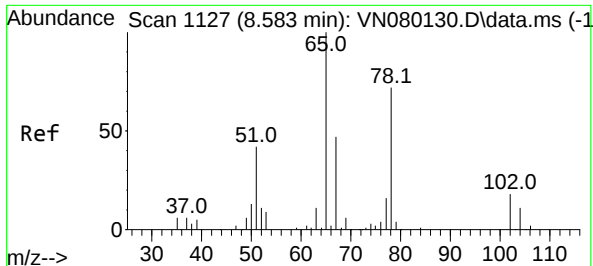


#32
1,1,1-Trichloroethane
Concen: 50.410 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 97 Resp: 259254
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 43.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 42.105 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15308

Ion Ratio Lower Upper

65 100

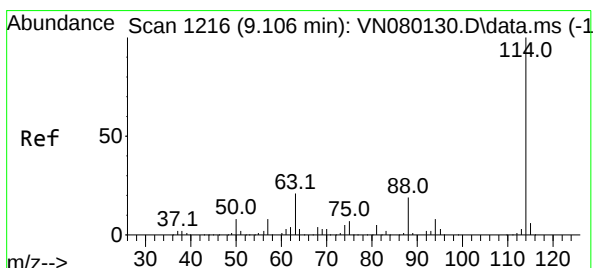
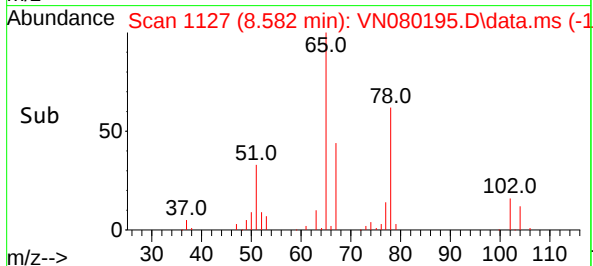
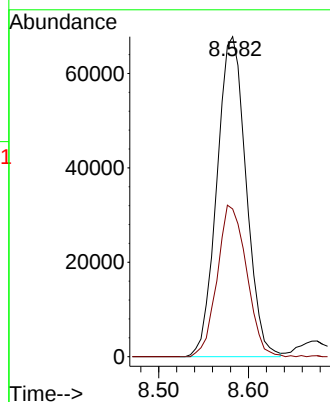
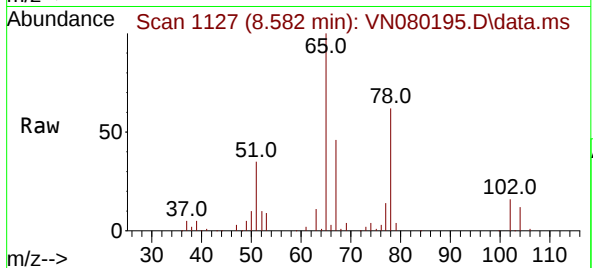
67 47.5 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

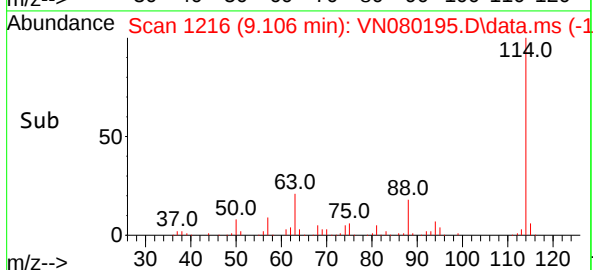
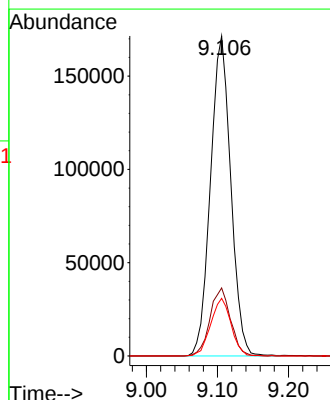
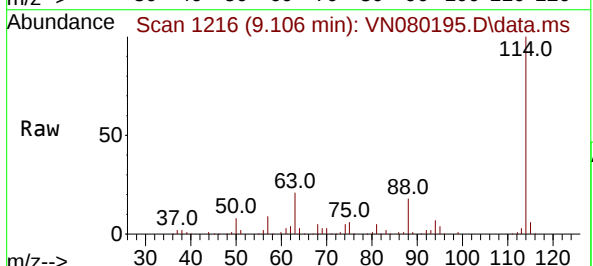
Tgt Ion:114 Resp: 340036

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

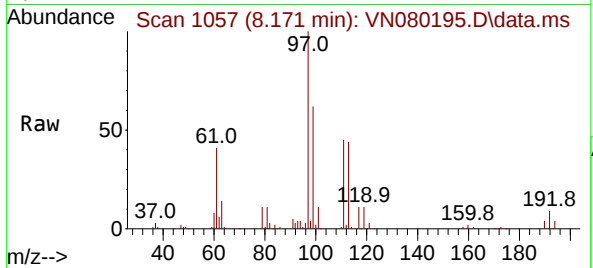
88 18.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.588 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

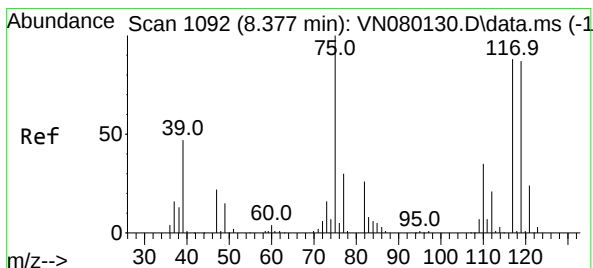
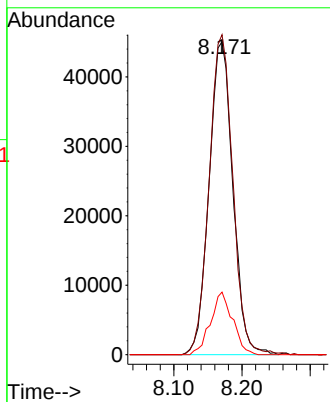
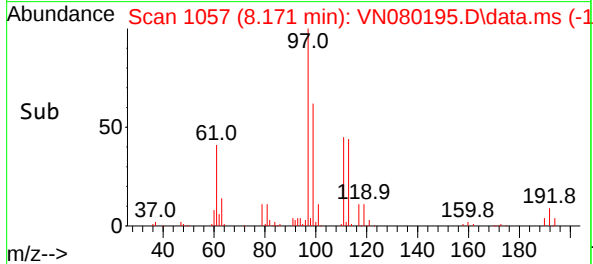
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



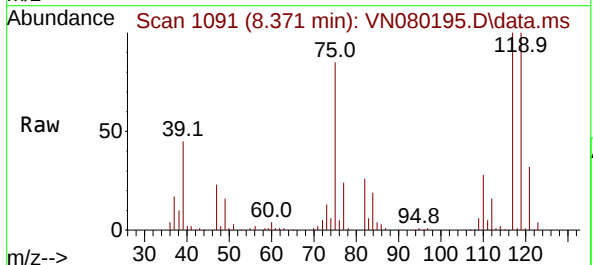
Tgt Ion: 113 Resp: 109364
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.7 12.7 19.1

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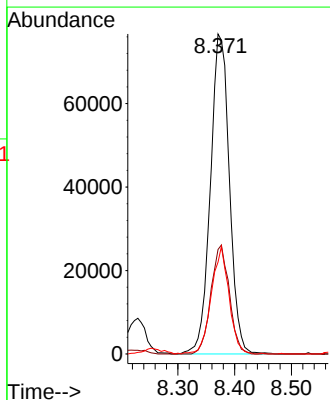
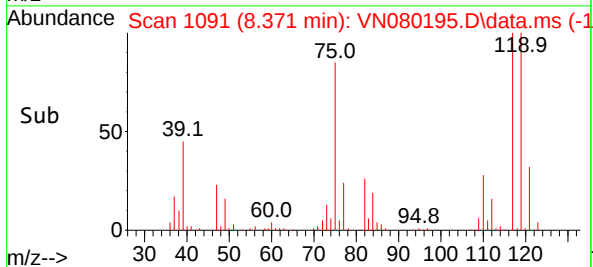
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

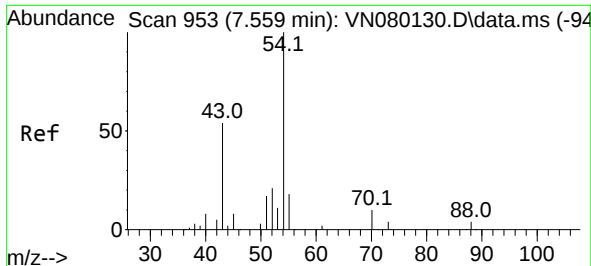


#36
1,1-Dichloropropene
Concen: 49.023 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 75 Resp: 178080
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.2 25.0 37.4





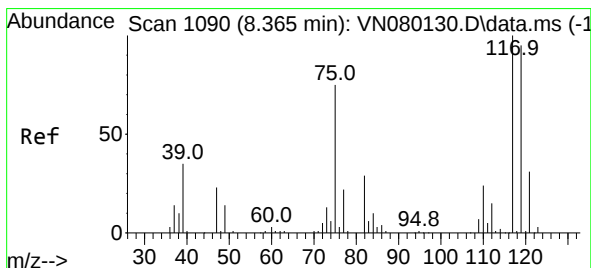
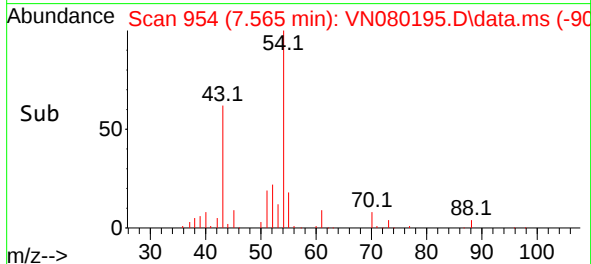
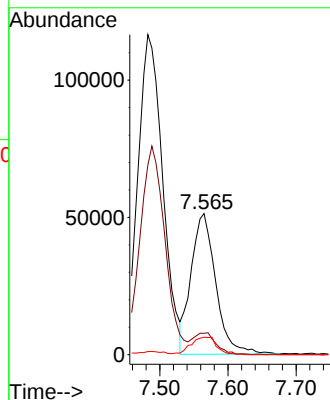
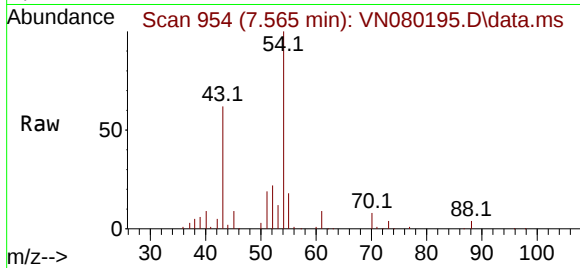
#37
Ethyl Acetate
Concen: 51.159 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 12890
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 13.0 11.3 16.9

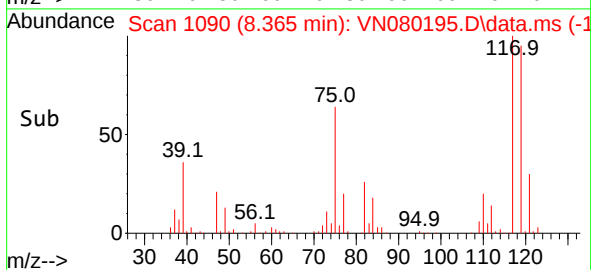
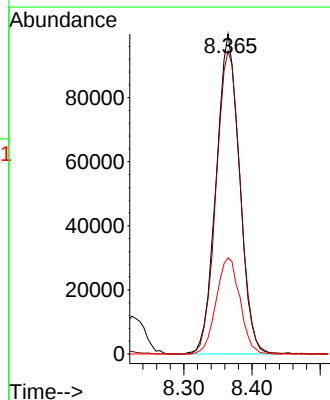
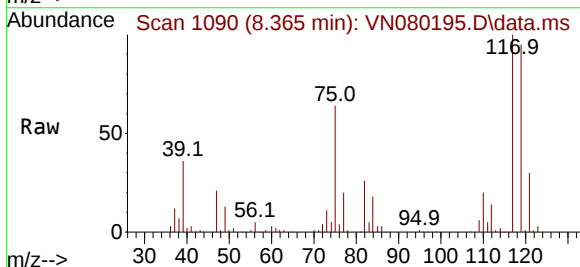
Manual Integrations
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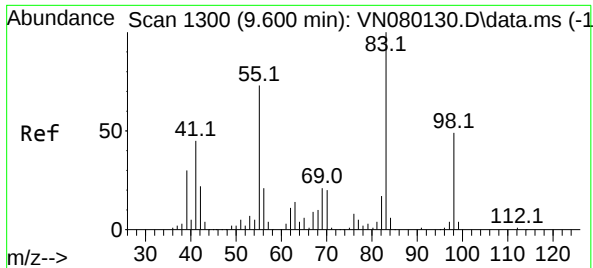
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 51.533 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:117 Resp: 237556
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 48.902 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

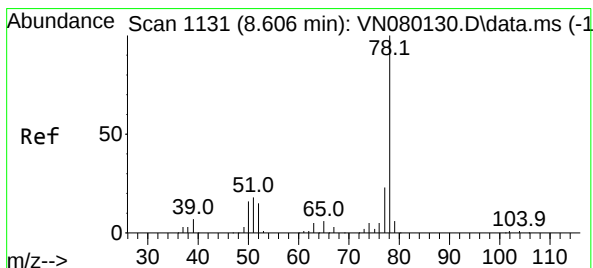
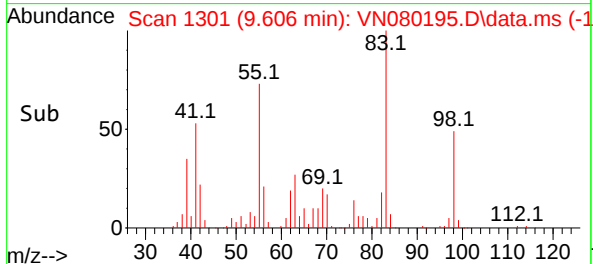
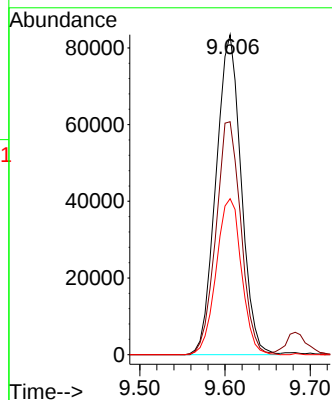
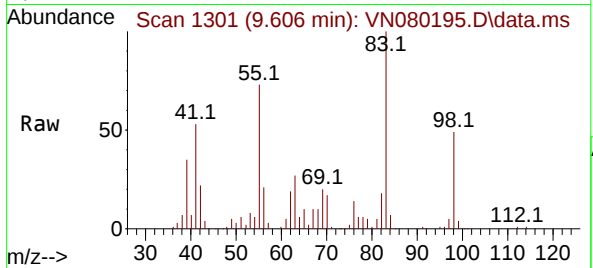
Tgt Ion: 83 Resp: 17128
 Ion Ratio Lower Upper
 83 100
 55 72.8 49.1 73.7
 98 48.7 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 47.345 ug/l

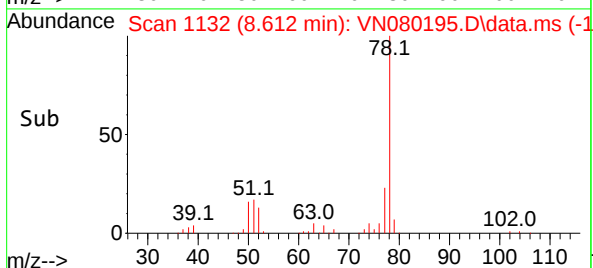
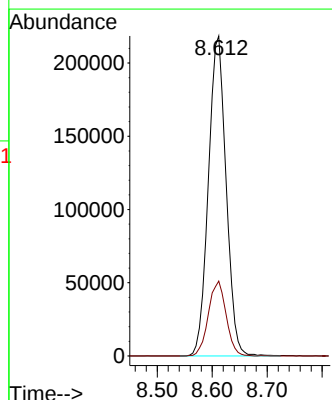
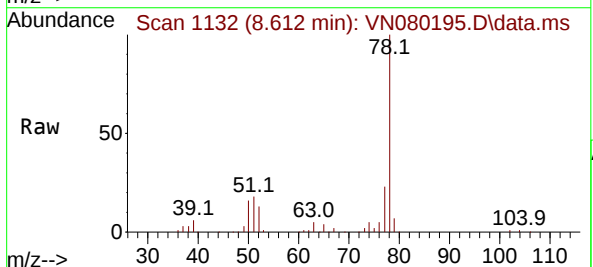
RT: 8.612 min Scan# 1132

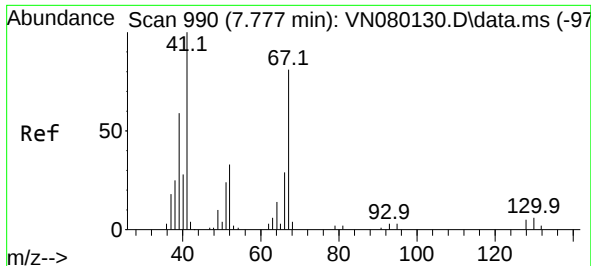
Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

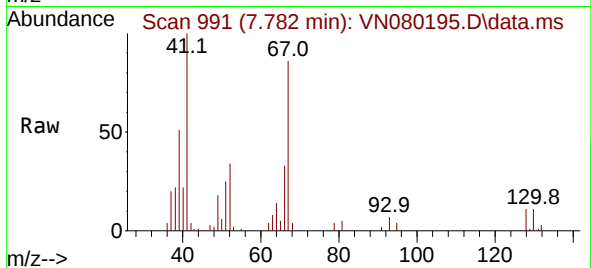
Tgt Ion: 78 Resp: 488793
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 50.222 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

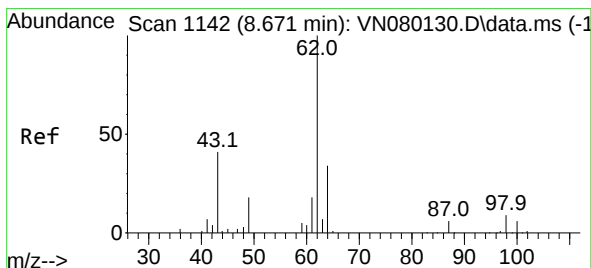
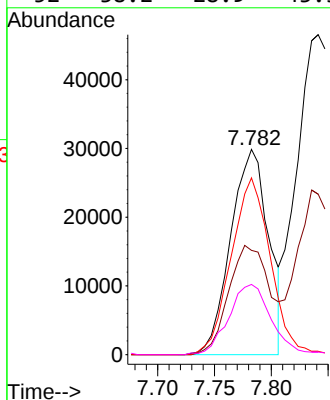
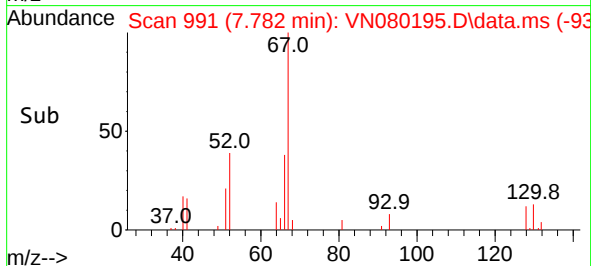
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



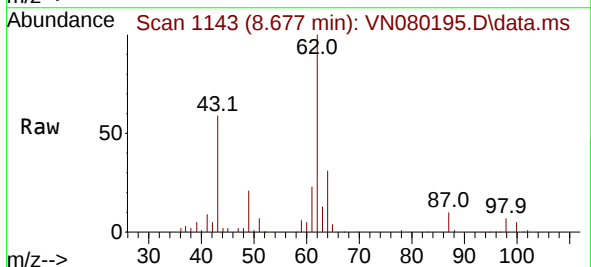
Tgt Ion: 41 Resp: 6949
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 89.6 77.5 116.3
52 38.2 28.9 43.3

Manual Integrations
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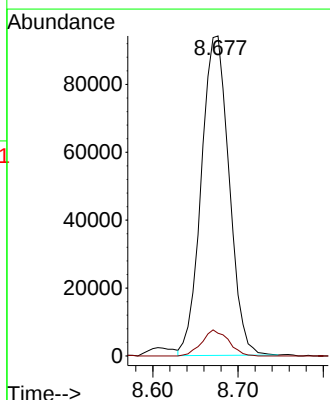
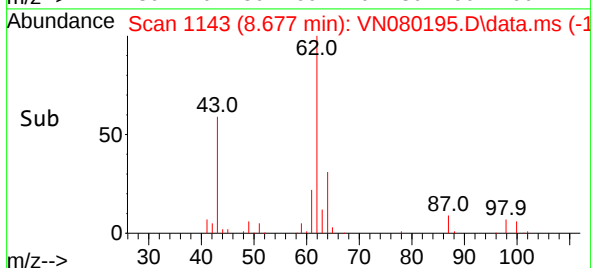
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

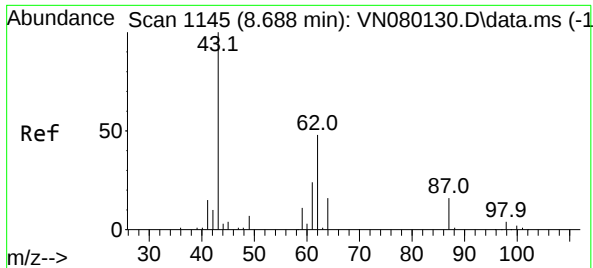


#42
1,2-Dichloroethane
Concen: 50.555 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



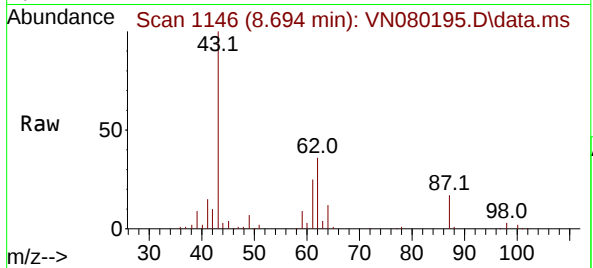
Tgt Ion: 62 Resp: 213536
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.577 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

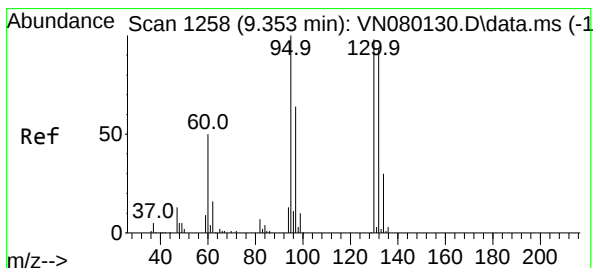
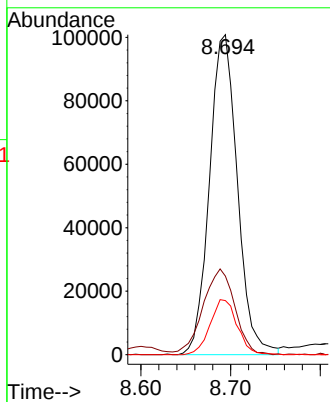
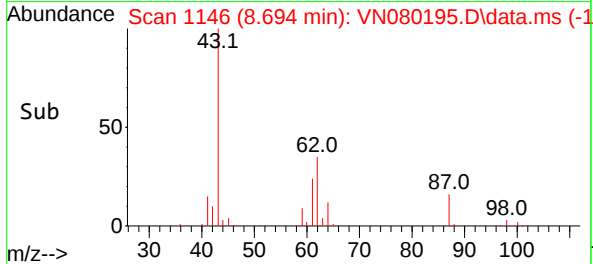
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21857
Ion Ratio Lower Upper
43 100
61 30.6 24.7 37.1
87 16.6 14.6 21.8

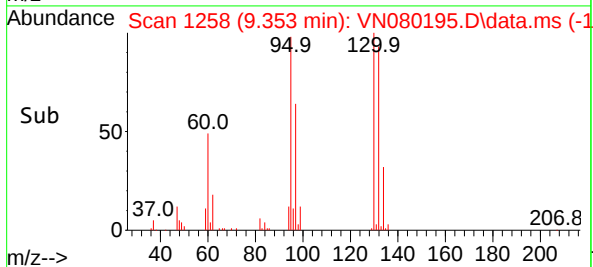
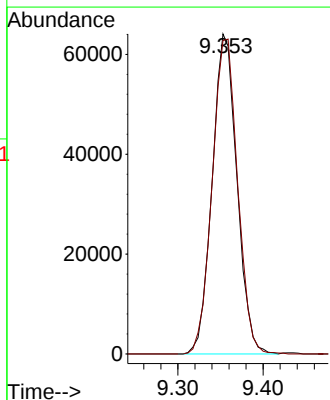
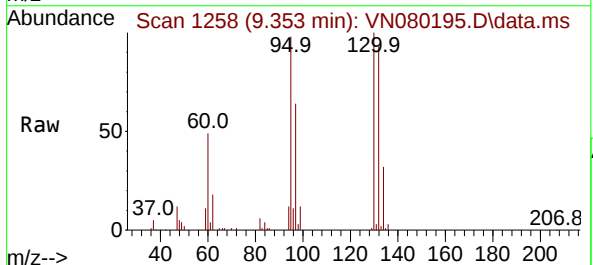
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 47.672 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:130 Resp: 129104
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 47.228 ug/l
RT: 9.623 min Scan# 11331
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

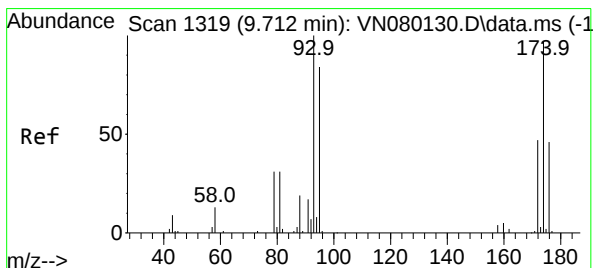
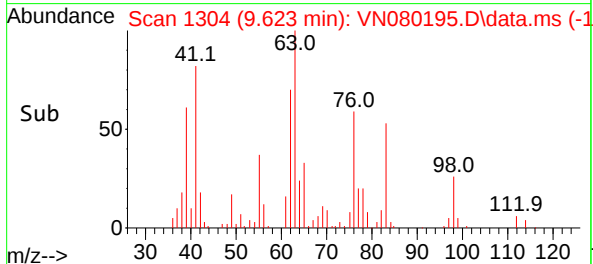
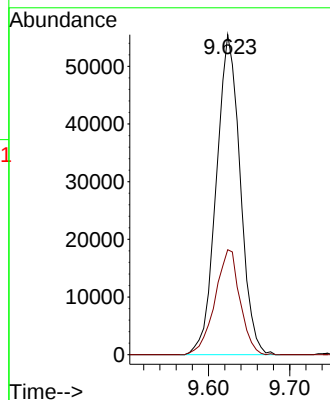
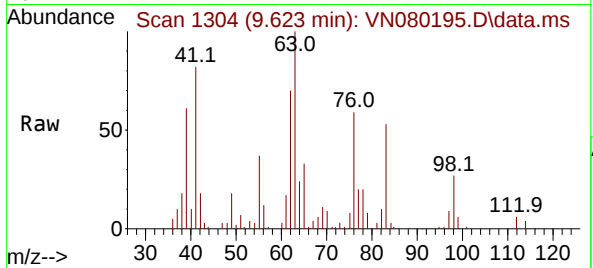
VSTDCCC050EC

Tgt Ion: 63 Resp: 11331
Ion Ratio Lower Upper
63 100
65 32.8 23.9 35.9

Manual Integrations

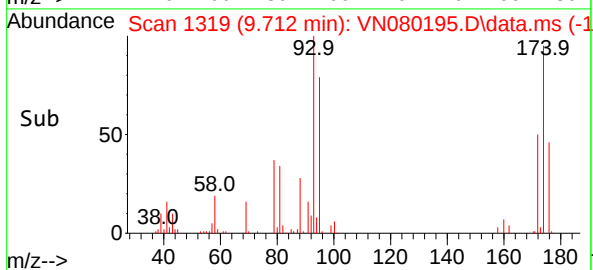
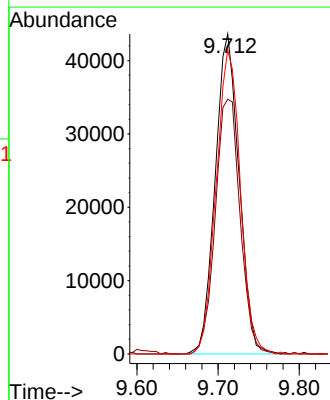
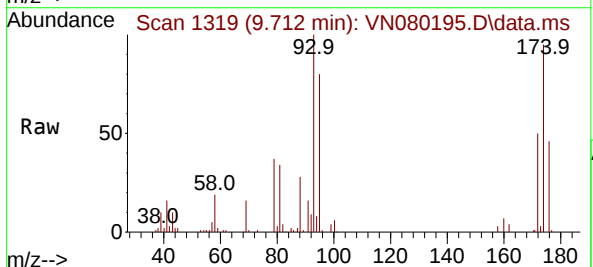
APPROVED

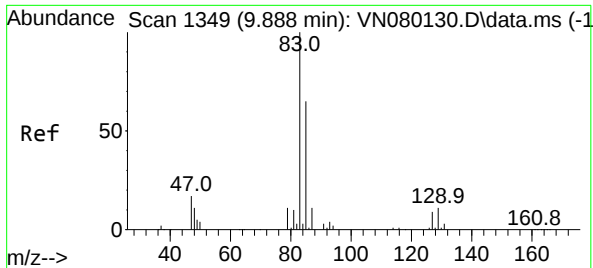
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#46
Dibromomethane
Concen: 49.100 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

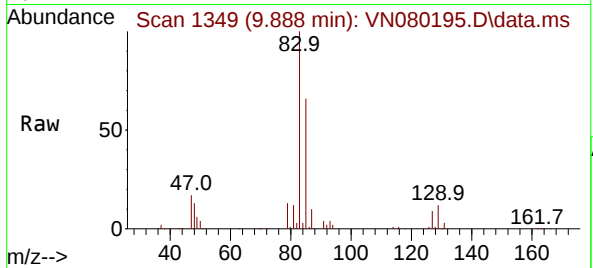
Tgt Ion: 93 Resp: 89173
Ion Ratio Lower Upper
93 100
95 82.9 63.8 95.8
174 96.2 65.6 98.4





#47
Bromodichloromethane
Concen: 50.820 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

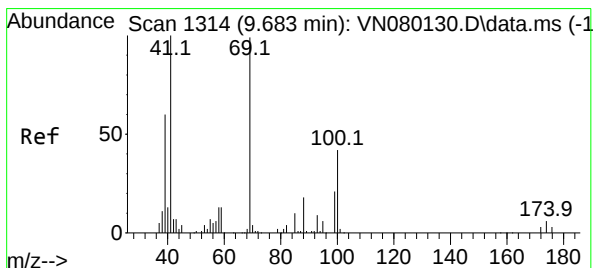
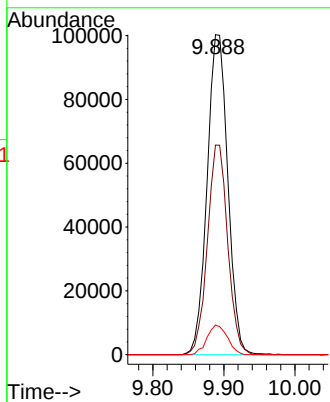
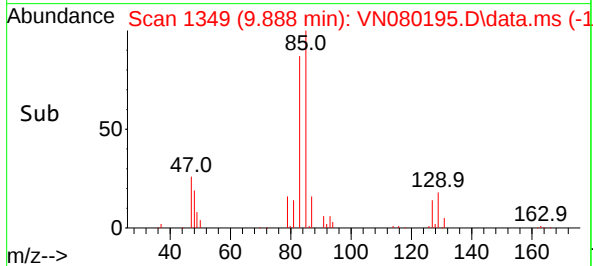
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



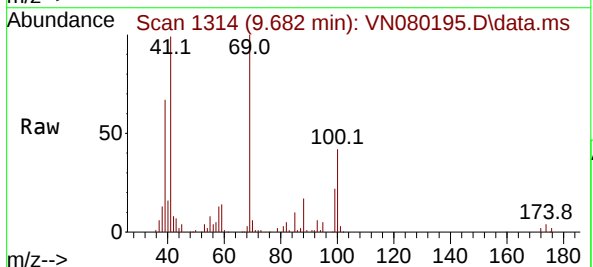
Tgt Ion: 83 Resp: 203028
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 9.3 7.0 10.6

Manual Integrations
APPROVED

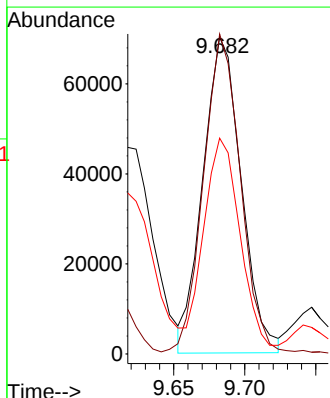
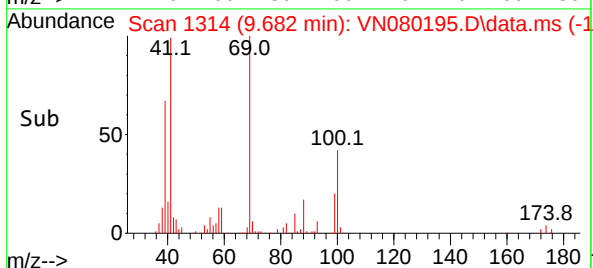
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

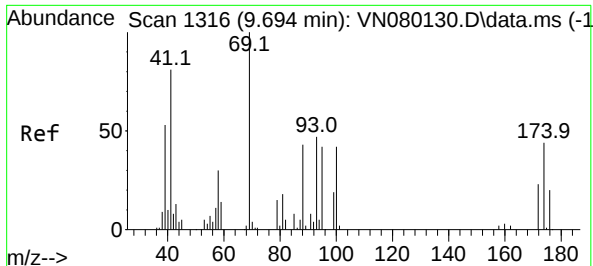


#48
Methyl methacrylate
Concen: 52.107 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 41 Resp: 131665
Ion Ratio Lower Upper
41 100
69 98.4 90.4 135.6
39 66.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1048.846 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

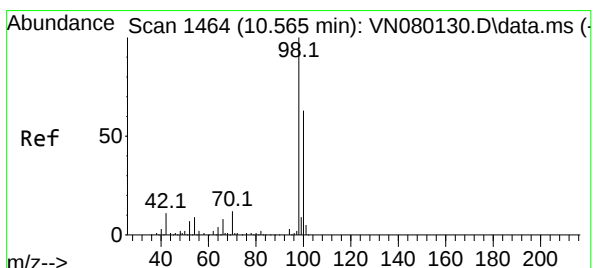
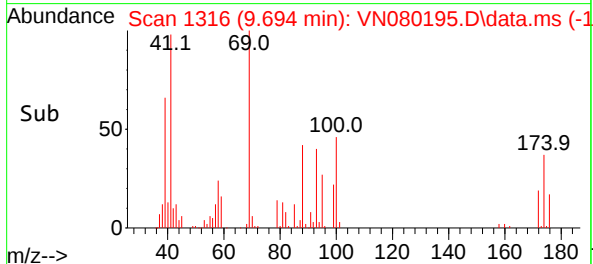
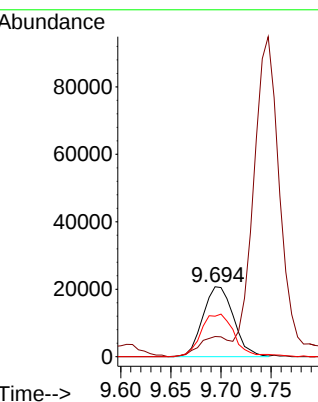
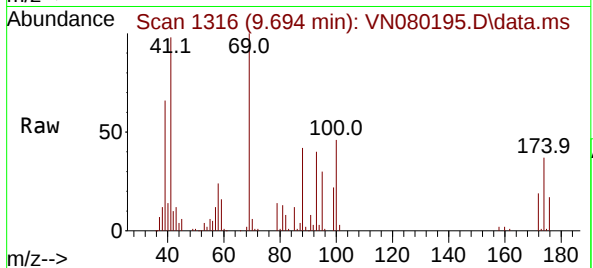
Tgt Ion: 88 Resp: 44090
 Ion Ratio Lower Upper
 88 100
 43 29.8 17.0 25.6
 58 66.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 43.731 ug/l

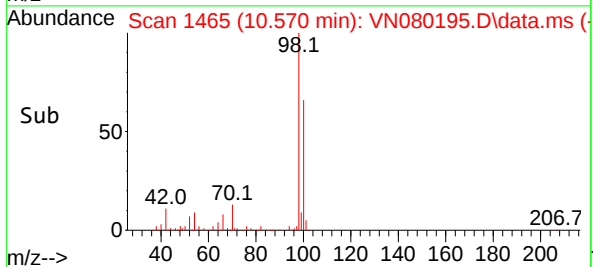
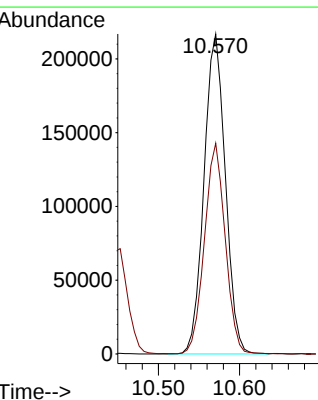
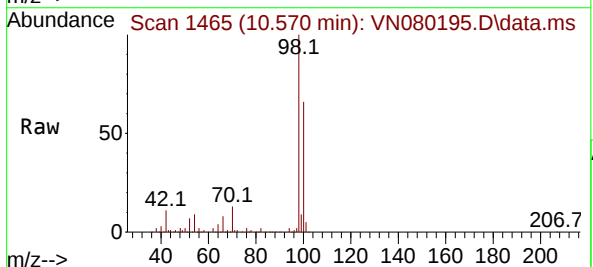
RT: 10.570 min Scan# 1465

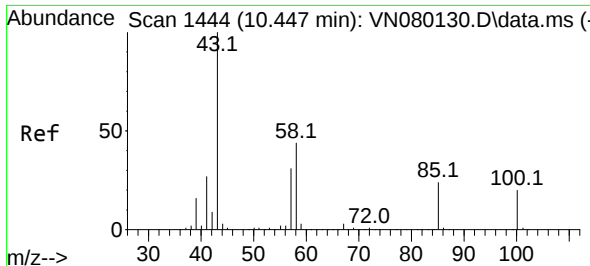
Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

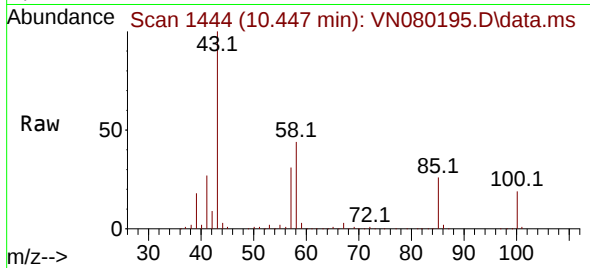
Tgt Ion: 98 Resp: 395527
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 258.388 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

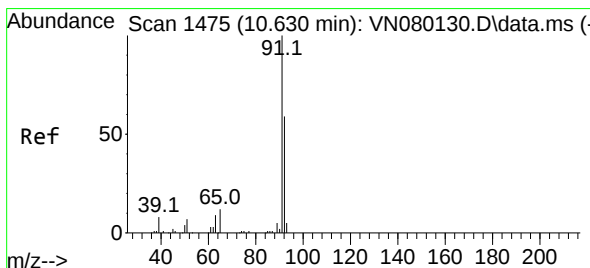
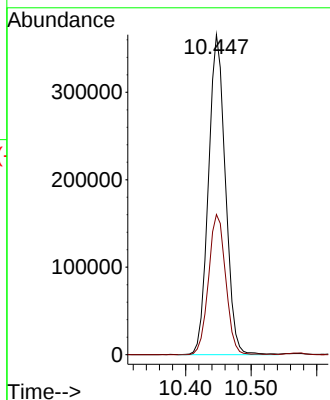
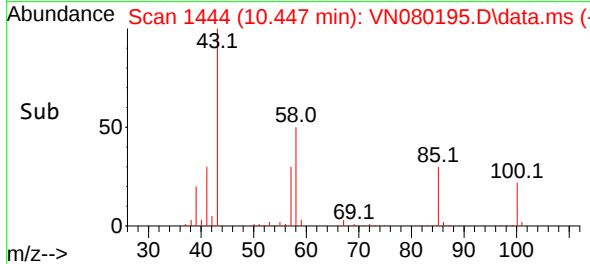
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65592
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

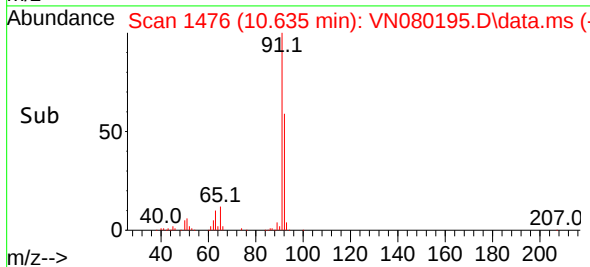
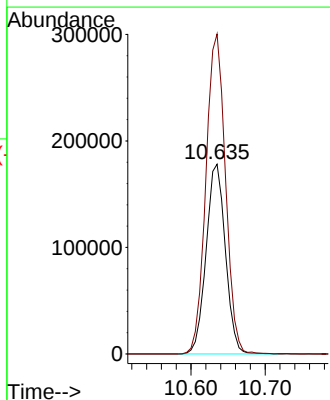
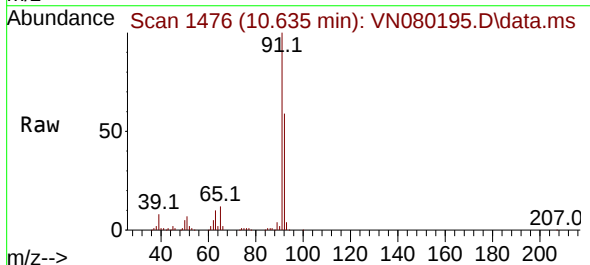
Manual Integrations
APPROVED

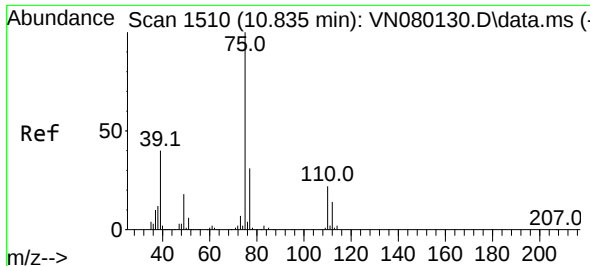
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 49.821 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion: 92 Resp: 321896
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





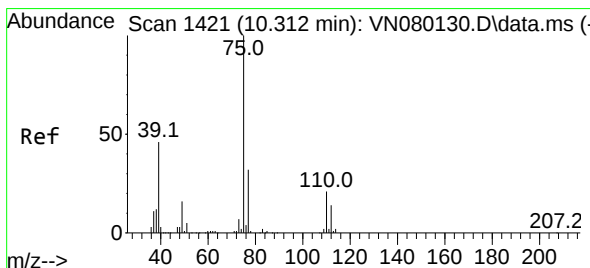
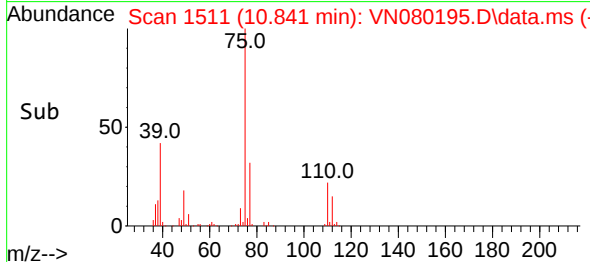
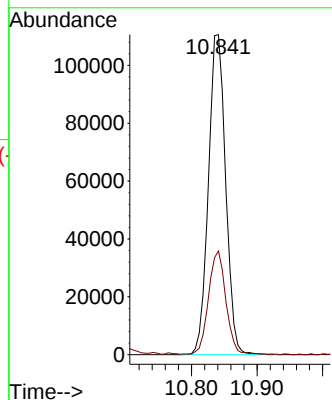
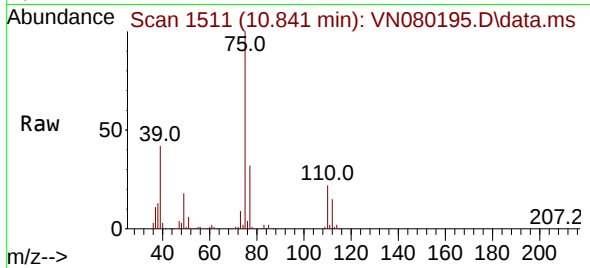
#53
t-1,3-Dichloropropene
Concen: 49.280 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 202275
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

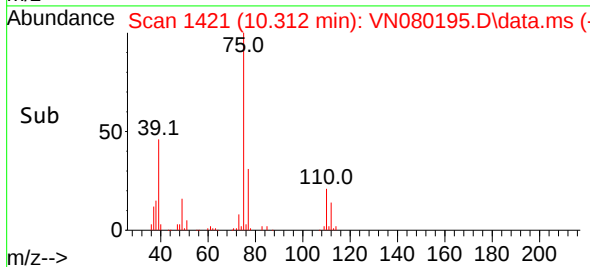
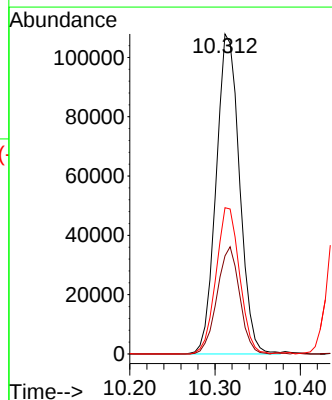
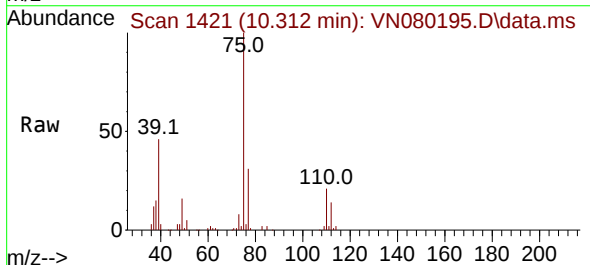
Manual Integrations
APPROVED

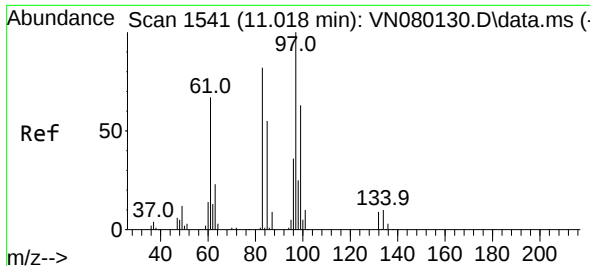
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 49.087 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

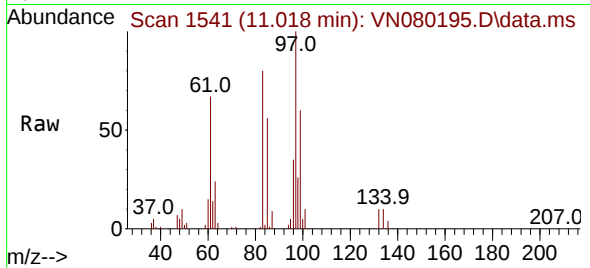
Tgt Ion: 75 Resp: 205843
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 45.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.426 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

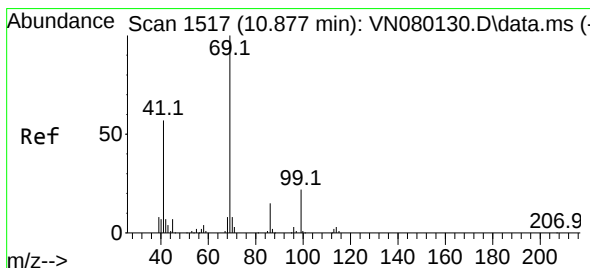
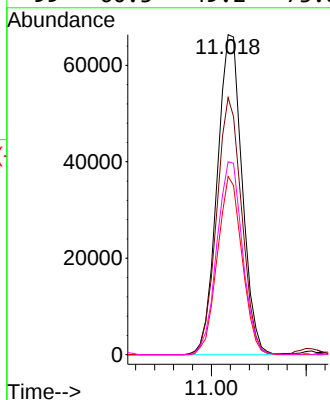
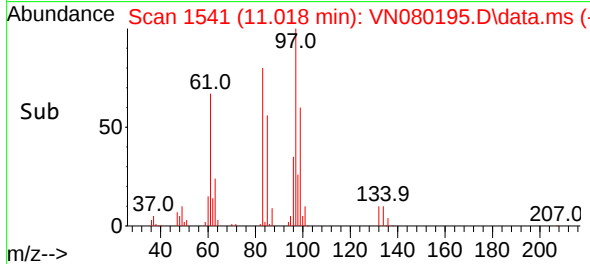
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



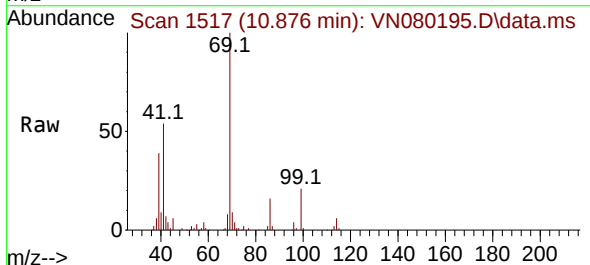
Tgt Ion:	97	Resp:	12188
Ion Ratio	100	Lower	Upper
97	100		
83	80.3	65.1	97.7
85	55.7	43.4	65.2
99	60.3	49.2	73.8

Manual Integrations
APPROVED

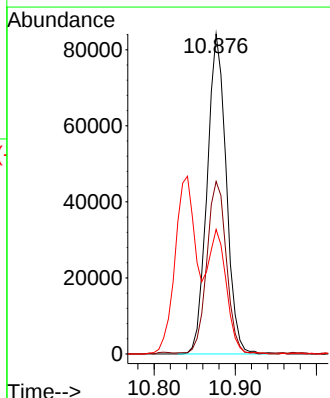
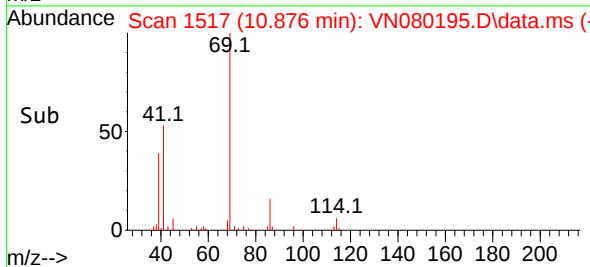
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

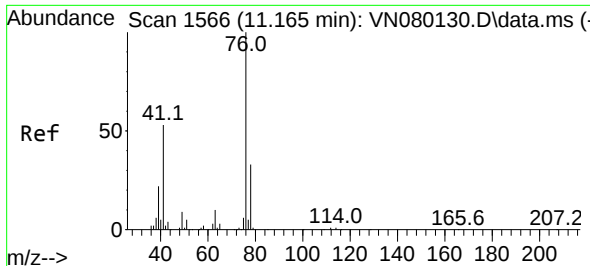


#56
Ethyl methacrylate
Concen: 54.509 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion:	69	Resp:	137322
Ion Ratio	100	Lower	Upper
69	100		
41	55.4	39.6	59.4
39	38.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 49.902 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 214854

Ion Ratio Lower Upper

76 100

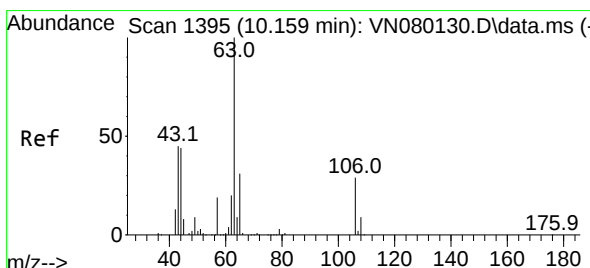
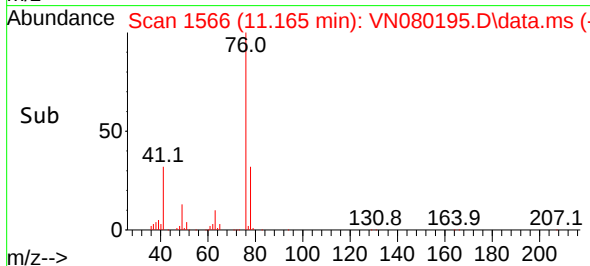
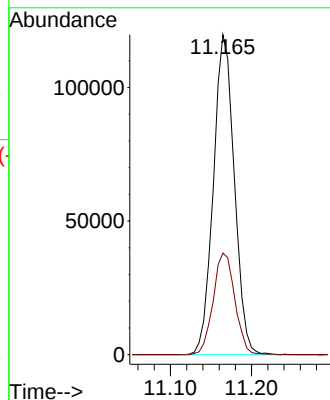
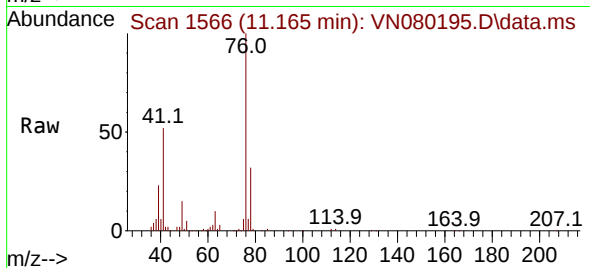
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 265.456 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080195.D

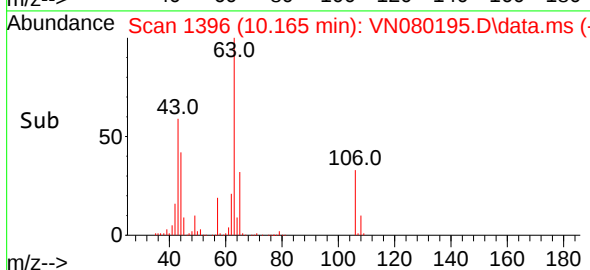
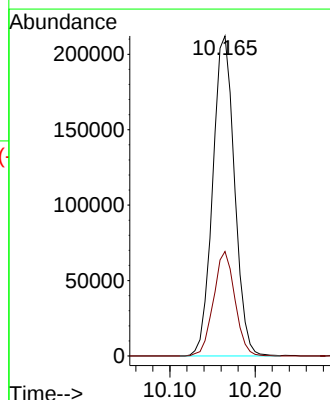
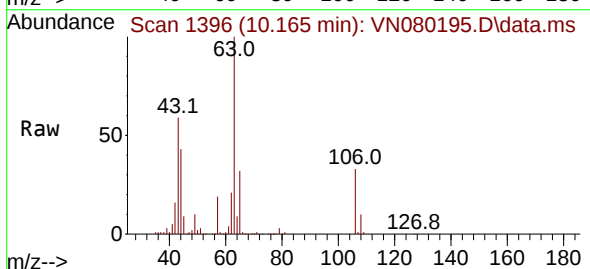
Acq: 18 Nov 2023 19:43

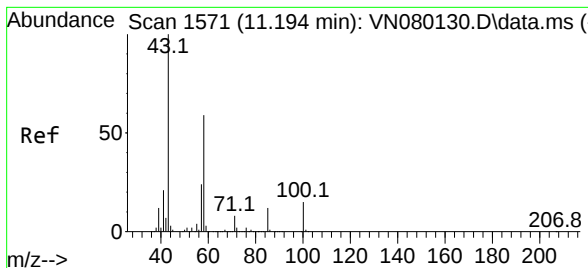
Tgt Ion: 63 Resp: 376752

Ion Ratio Lower Upper

63 100

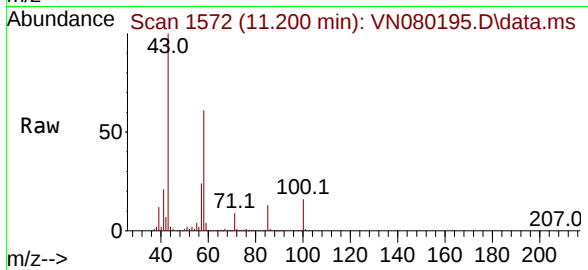
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 235.990 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

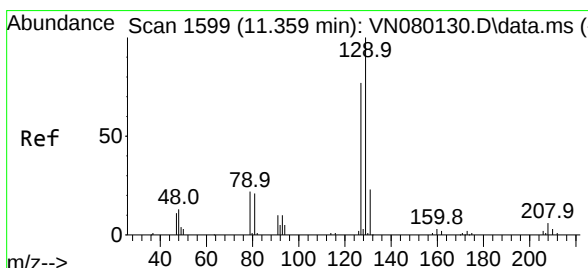
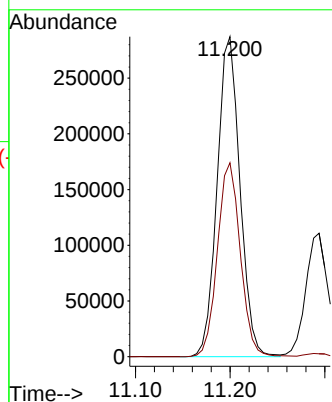
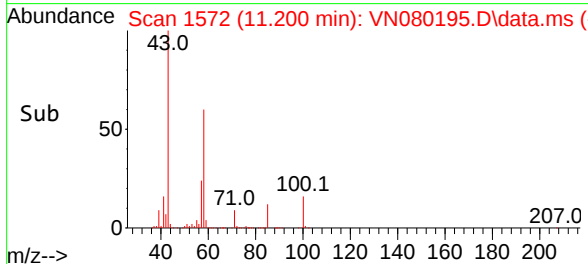
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48138
Ion Ratio Lower Upper
43 100
58 60.9 31.7 95.1

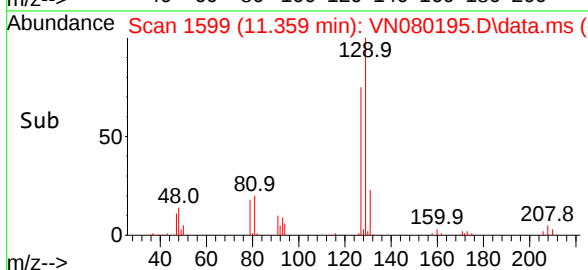
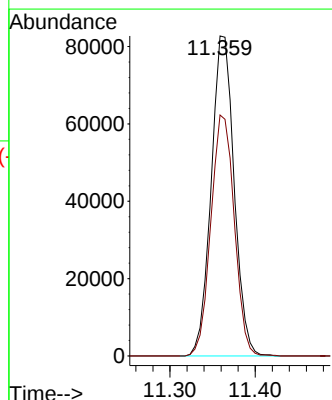
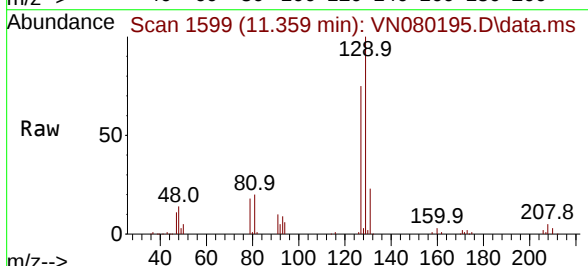
Manual Integrations
APPROVED

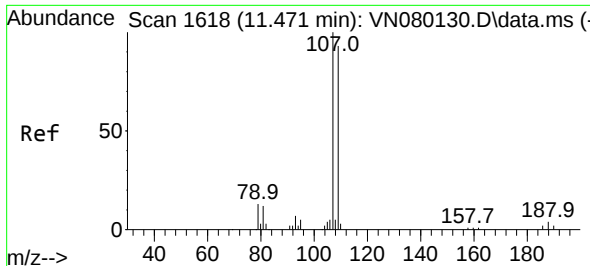
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 52.459 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

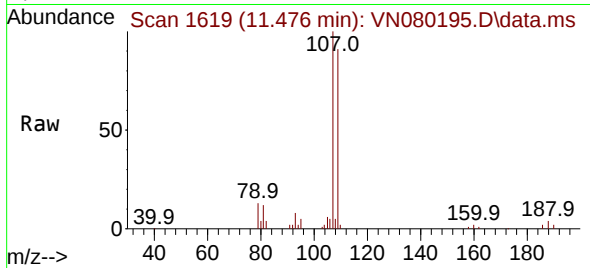
Tgt Ion:129 Resp: 154878
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.200 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

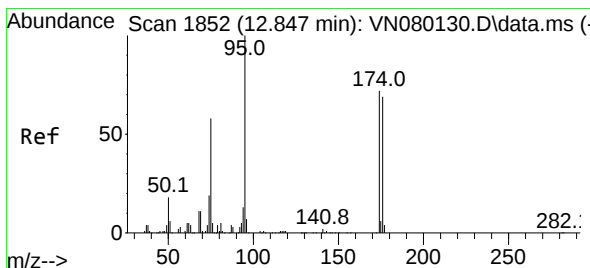
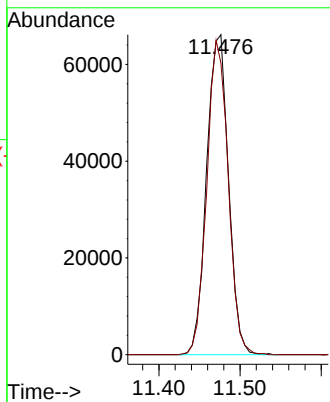
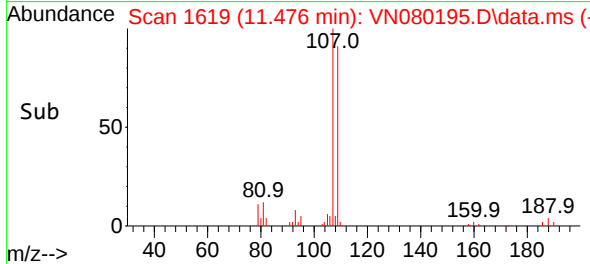
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



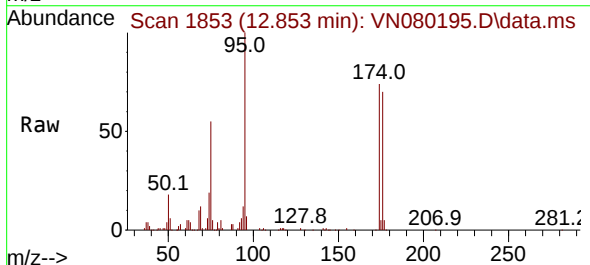
Tgt Ion:107 Resp: 123775
Ion Ratio Lower Upper
107 100
109 96.0 76.6 114.8

Manual Integrations
APPROVED

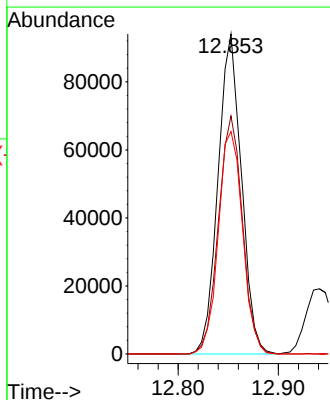
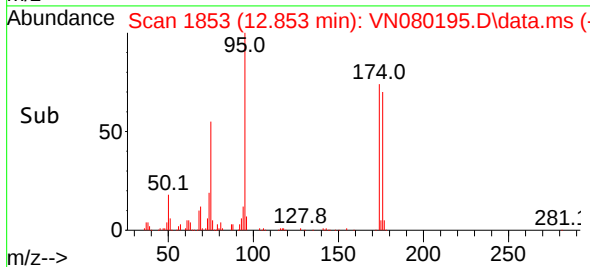
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

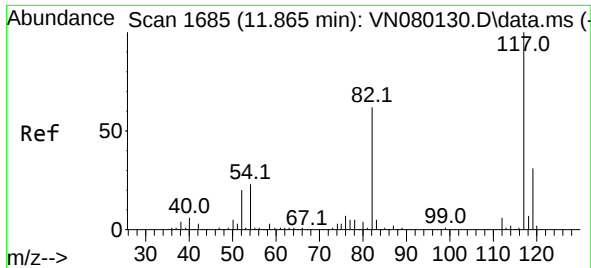


#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



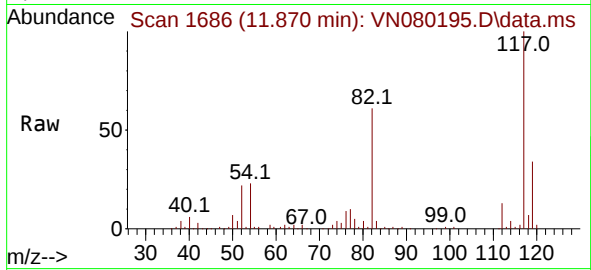
Tgt Ion: 95 Resp: 152701
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

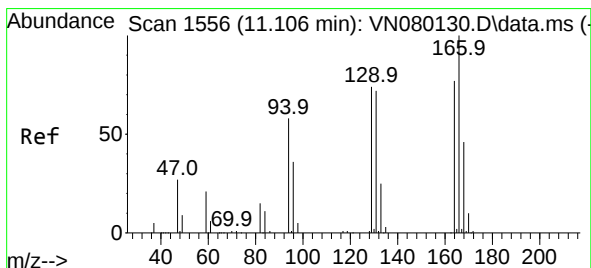
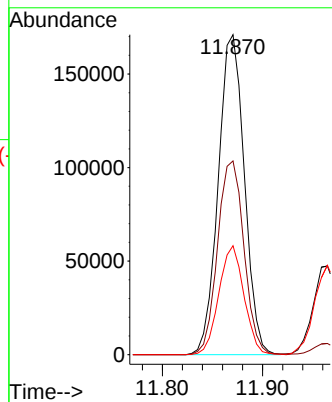
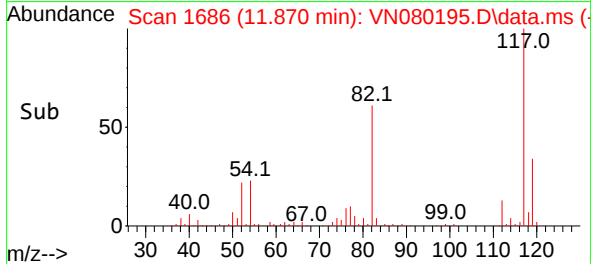
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 309090
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 34.0 25.6 38.4

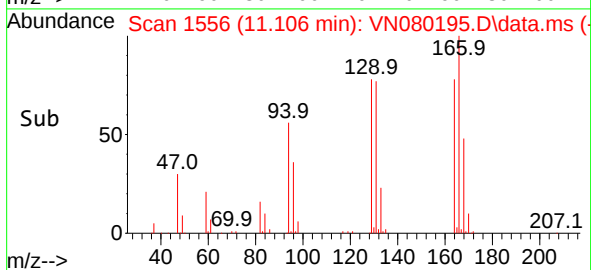
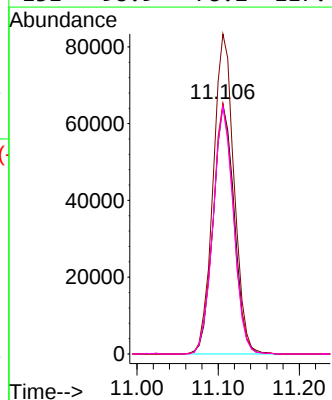
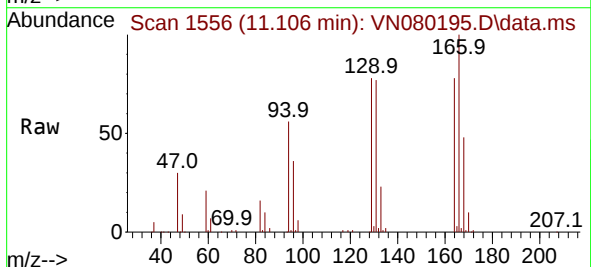
Manual Integrations
APPROVED

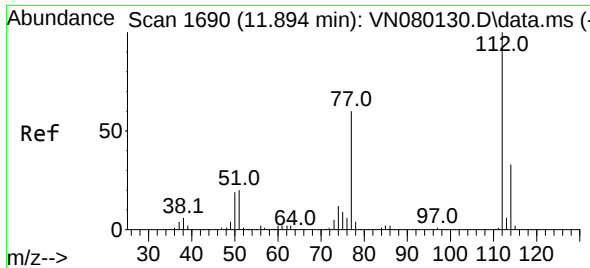
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 49.484 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:164 Resp: 116726
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 100.3 82.4 123.6
131 98.9 78.2 117.4





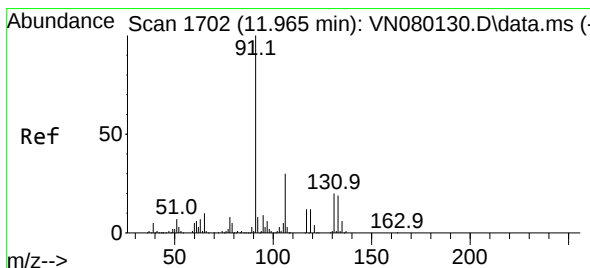
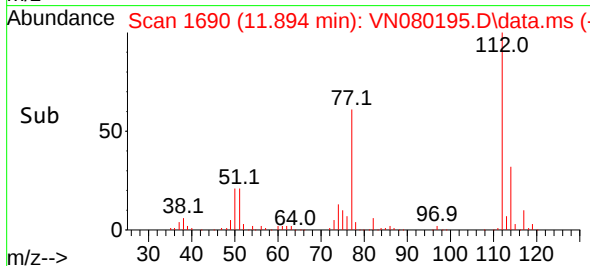
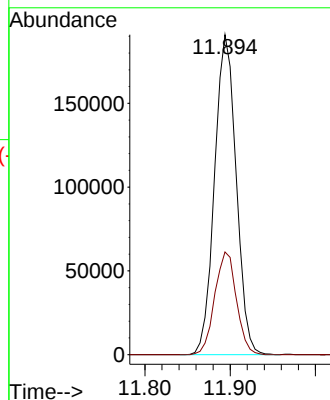
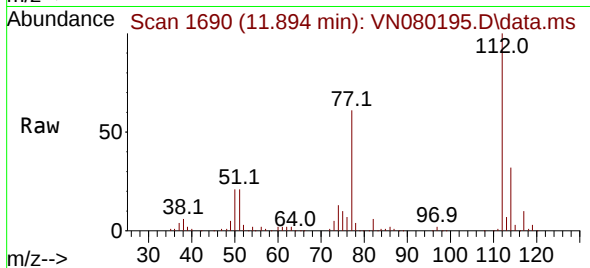
#65
Chlorobenzene
Concen: 48.016 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 336294
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

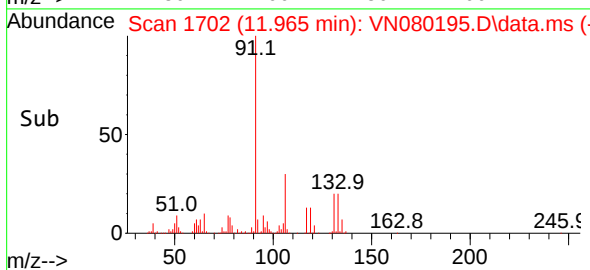
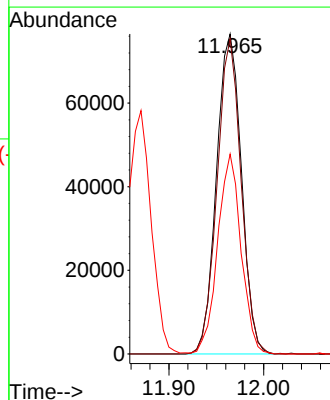
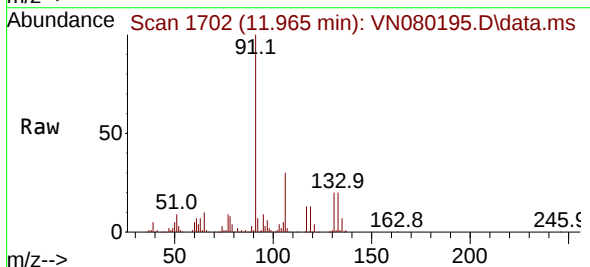
Manual Integrations
APPROVED

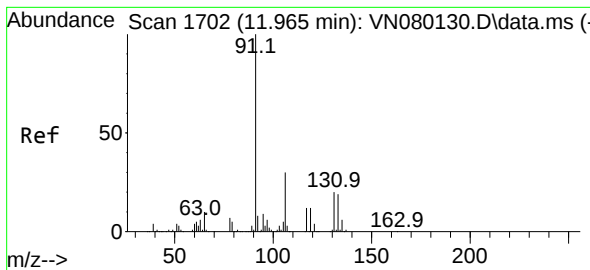
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.453 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:131 Resp: 139846
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 58.8 34.1 102.2





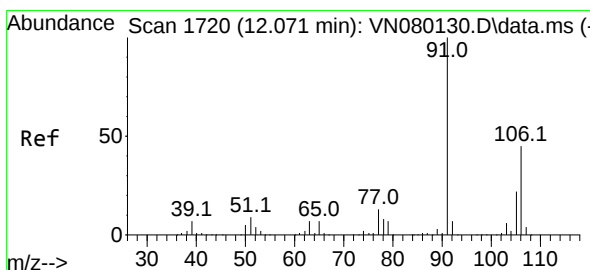
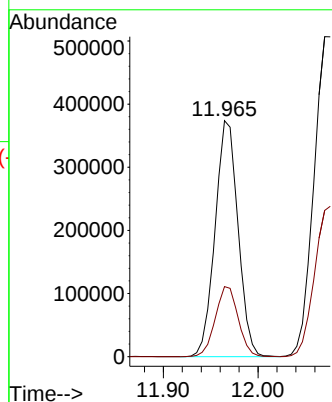
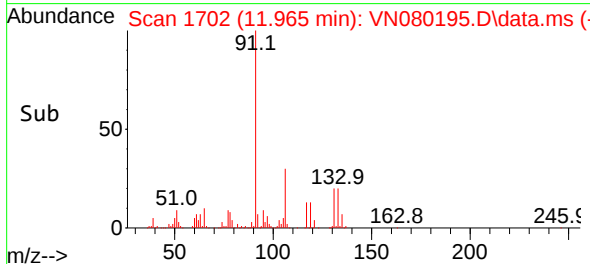
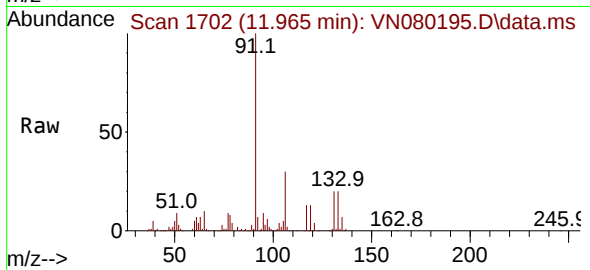
#67
Ethyl Benzene
Concen: 50.515 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62955
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

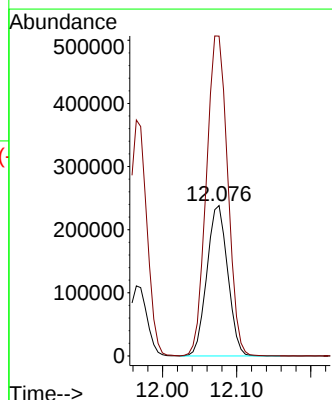
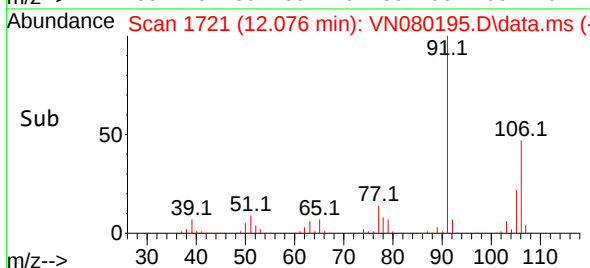
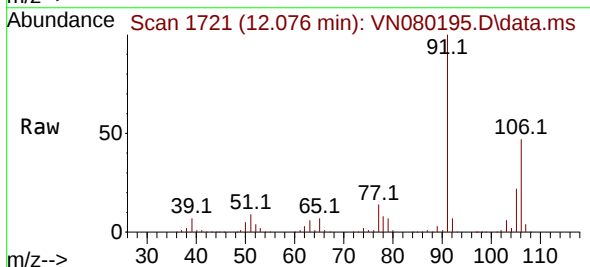
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 102.444 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:106 Resp: 465509
Ion Ratio Lower Upper
106 100
91 217.5 159.6 239.4





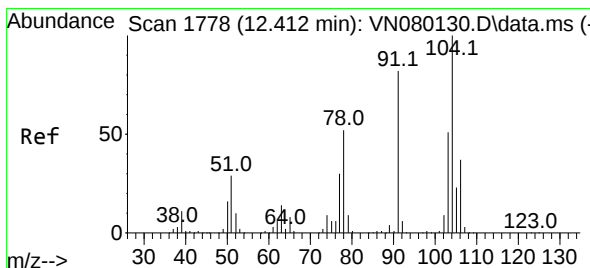
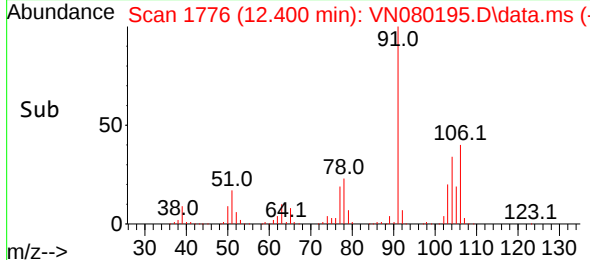
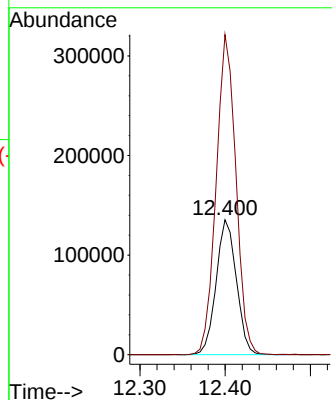
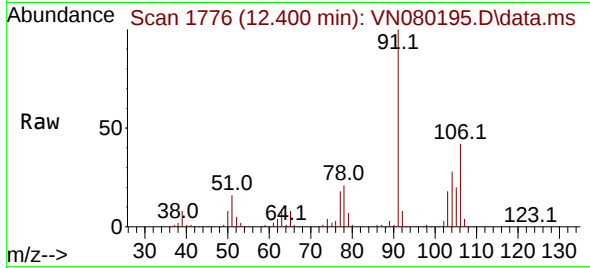
#69
o-Xylene
Concen: 52.249 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 223752
Ion Ratio Lower Upper
106 100
91 231.7 105.2 315.5

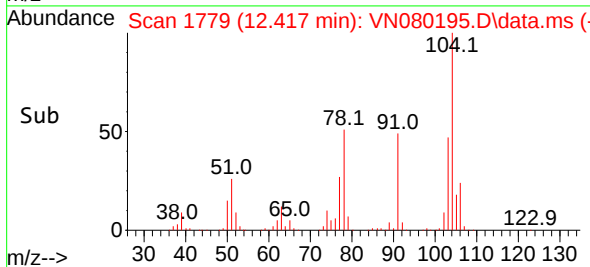
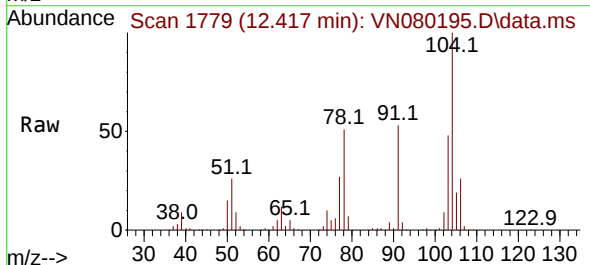
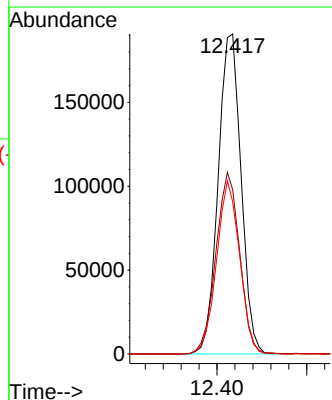
Manual Integrations
APPROVED

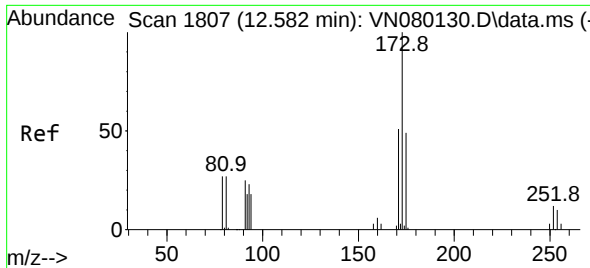
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 53.034 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

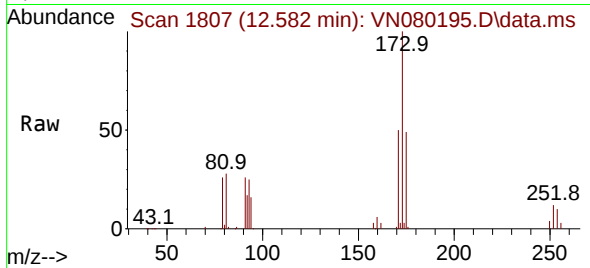
Tgt Ion:104 Resp: 338030
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 54.7 43.2 64.8





#71
Bromoform
Concen: 52.860 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

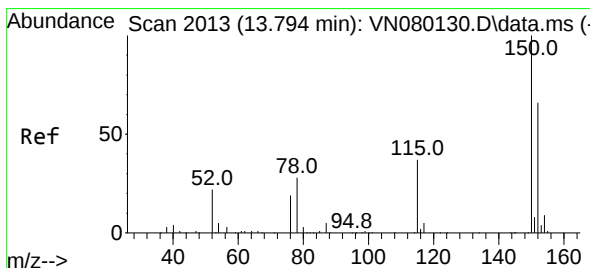
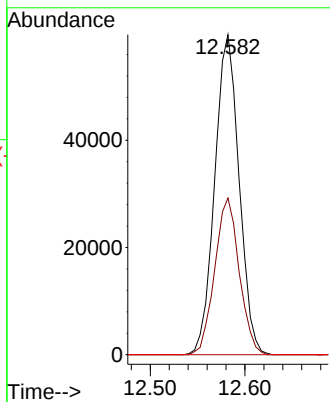
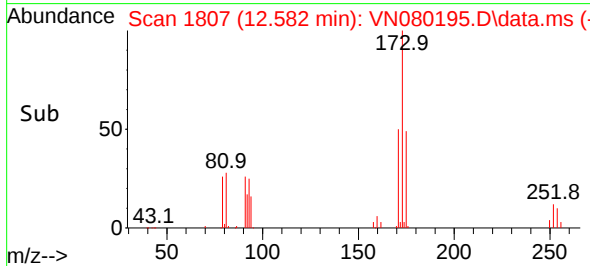
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10654
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

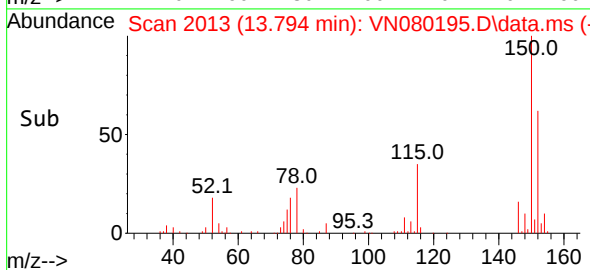
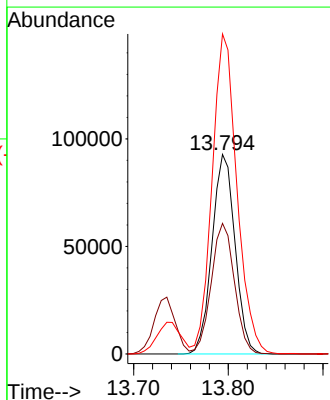
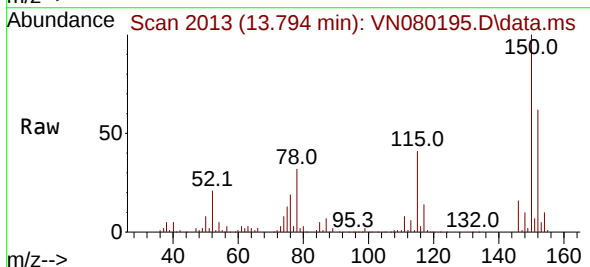
Manual Integrations
APPROVED

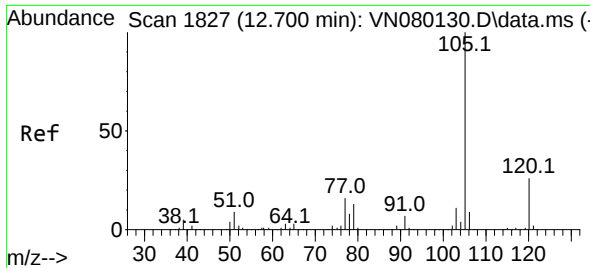
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:152 Resp: 156409
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 173.3 0.0 355.8





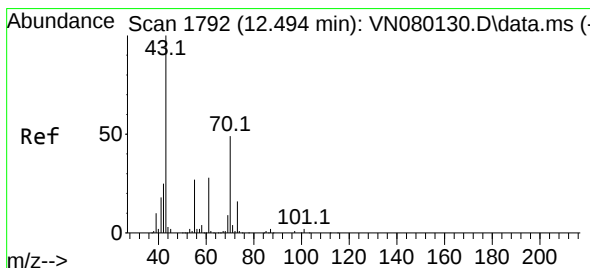
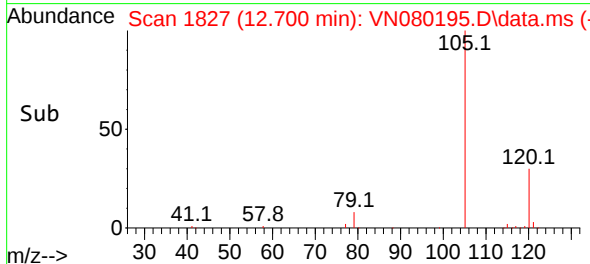
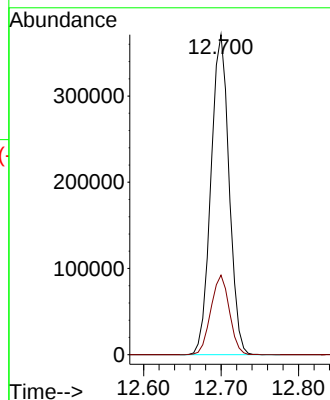
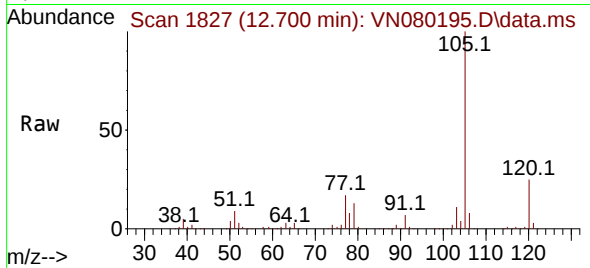
#73
Isopropylbenzene
Concen: 49.804 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 60532
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

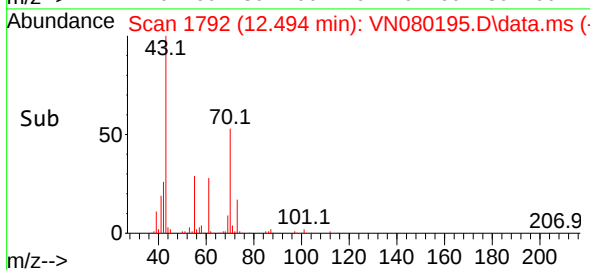
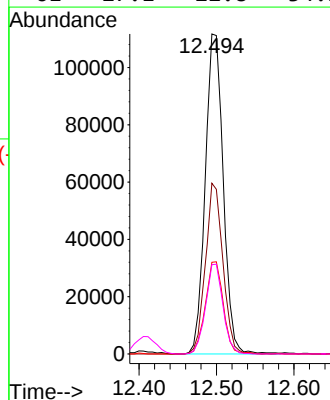
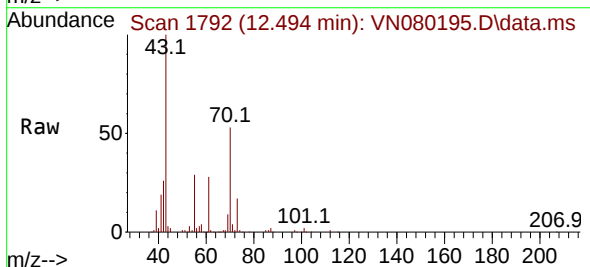
Manual Integrations
APPROVED

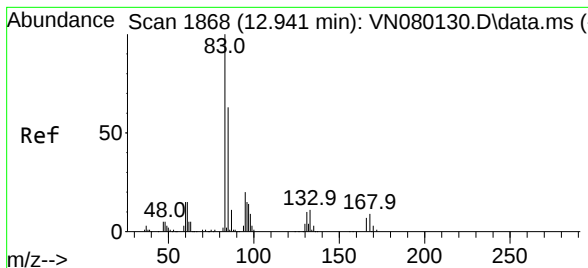
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 47.638 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

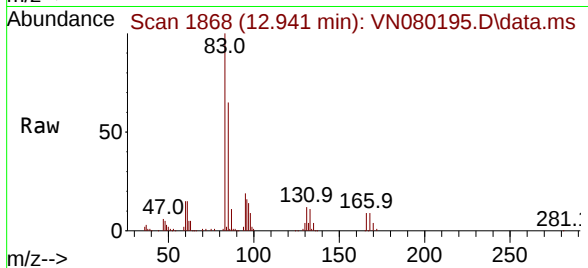
Tgt Ion: 43 Resp: 180557
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 28.6 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.694 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

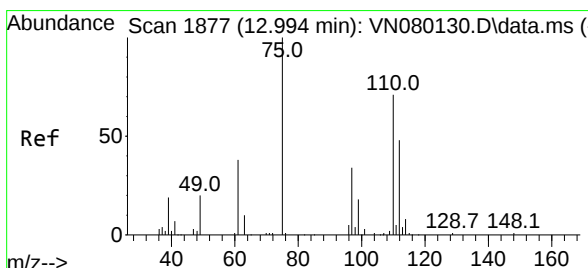
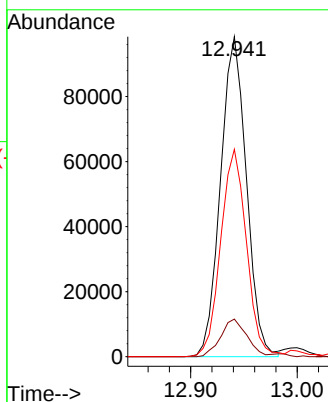
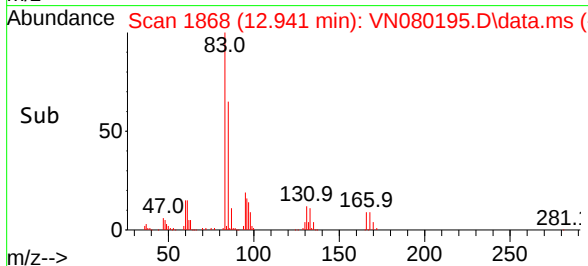
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



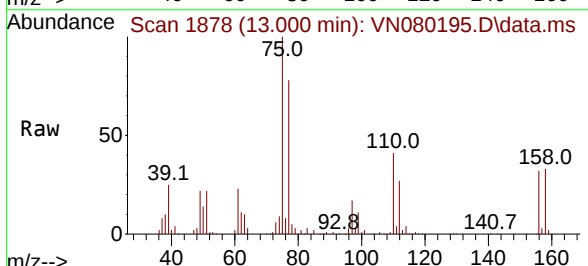
Tgt Ion: 83 Resp: 16622
Ion Ratio Lower Upper
83 100
131 12.0 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
APPROVED

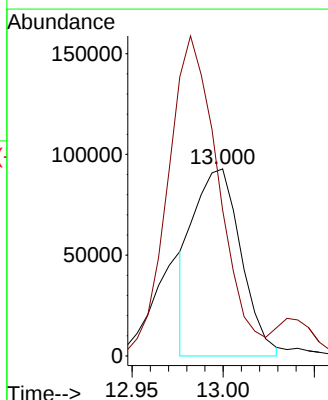
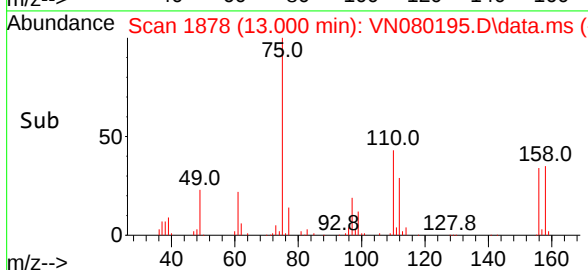
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

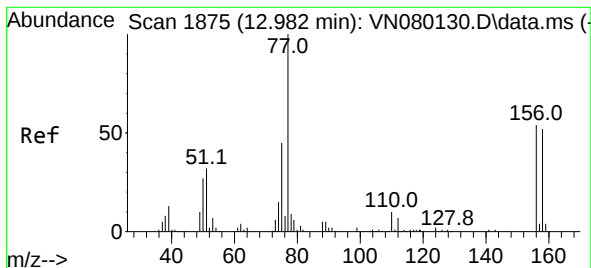


#76
1,2,3-Trichloropropane
Concen: 44.058 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion: 75 Resp: 168843
Ion Ratio Lower Upper
75 100
77 183.3 84.5 253.5





#77

Bromobenzene

Concen: 47.855 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

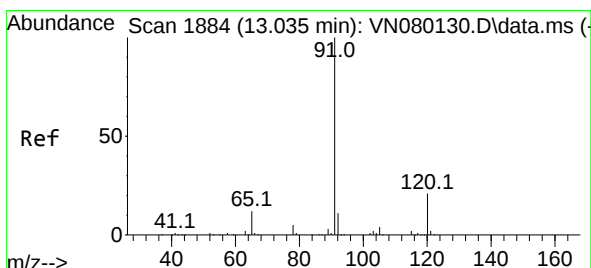
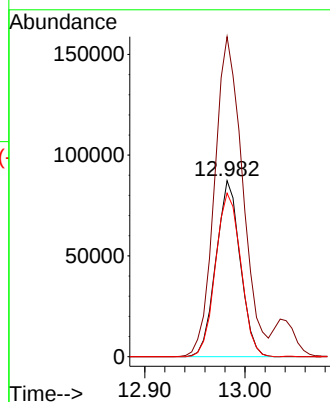
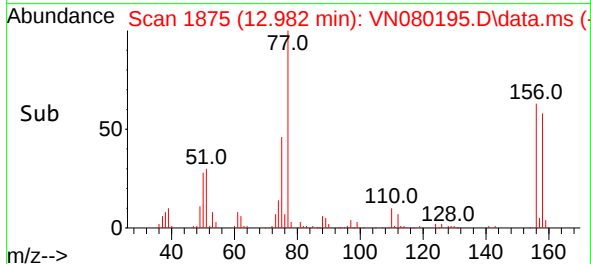
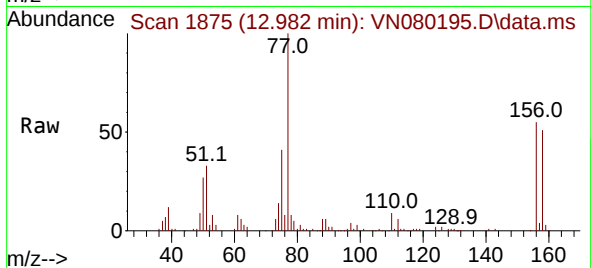
Tgt Ion:156 Resp: 146642
 Ion Ratio Lower Upper
 156 100
 77 211.0 107.7 323.3
 158 96.8 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 48.709 ug/l

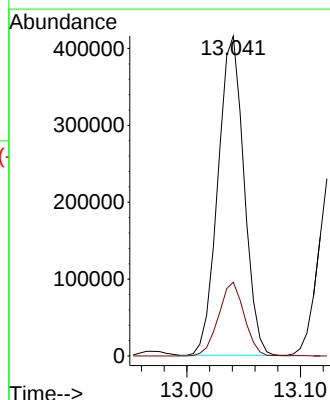
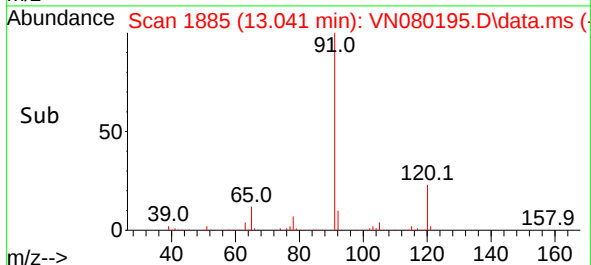
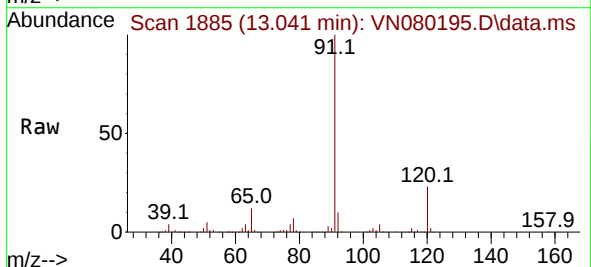
RT: 13.041 min Scan# 1885

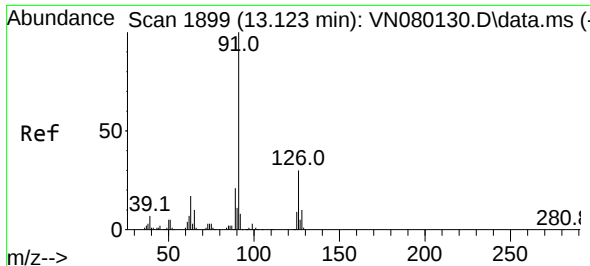
Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

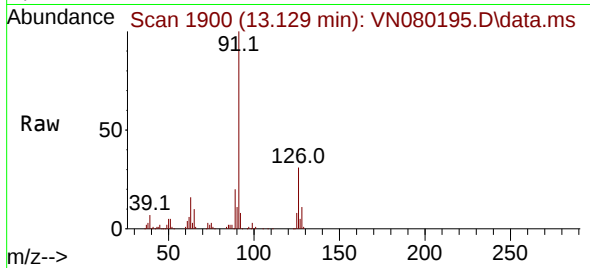
Tgt Ion: 91 Resp: 662008
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.036 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

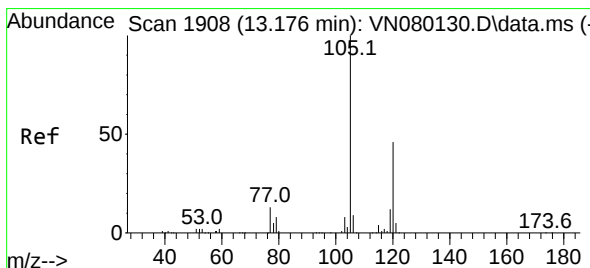
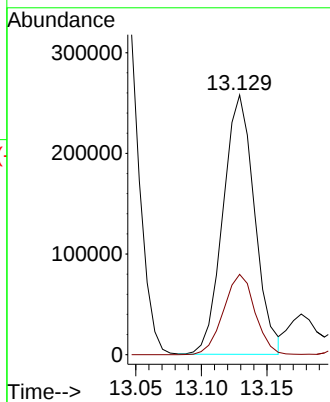
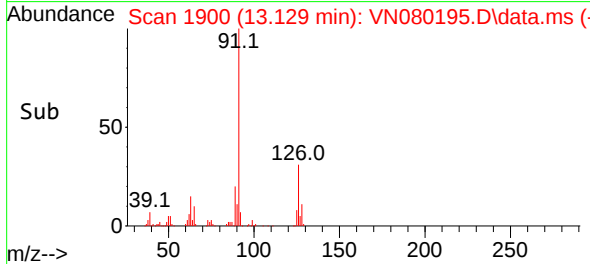
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 432859
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

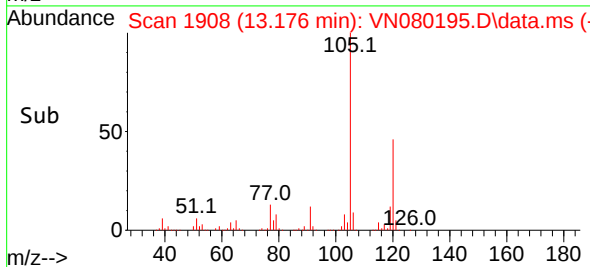
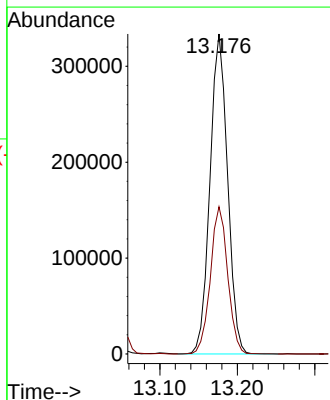
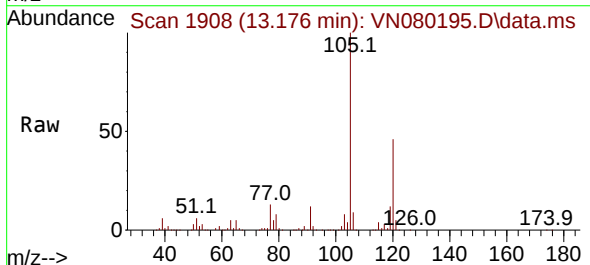
Manual Integrations
APPROVED

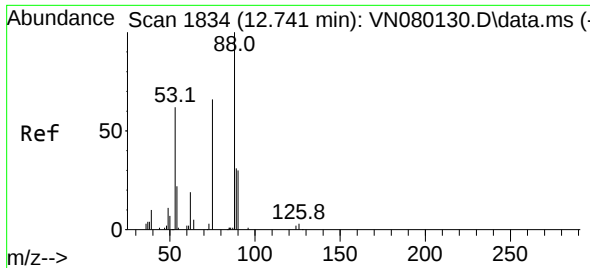
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.686 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

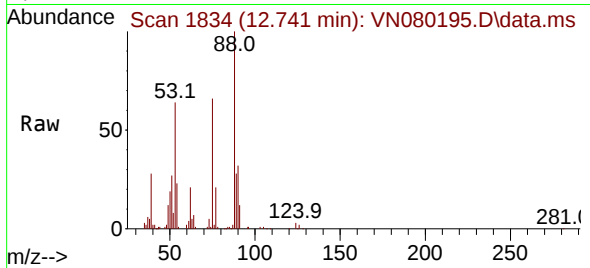
Tgt Ion:105 Resp: 525687
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.461 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

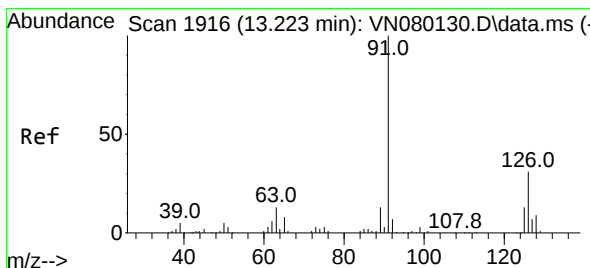
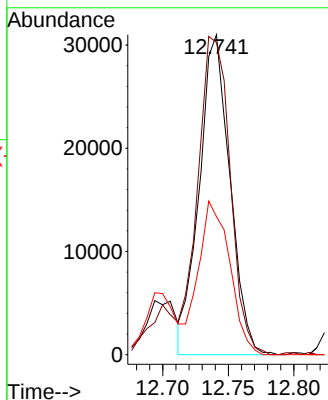
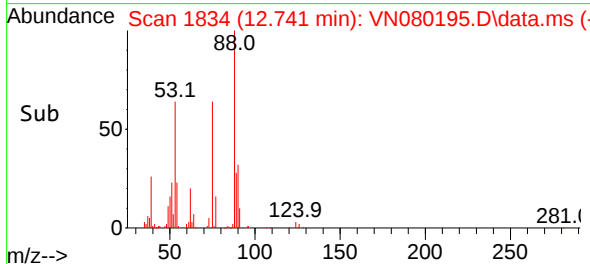
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 50432
Ion Ratio Lower Upper
75 100
53 104.7 67.4 101.2
89 50.2 38.8 58.2

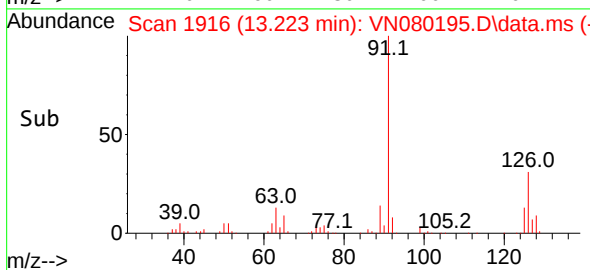
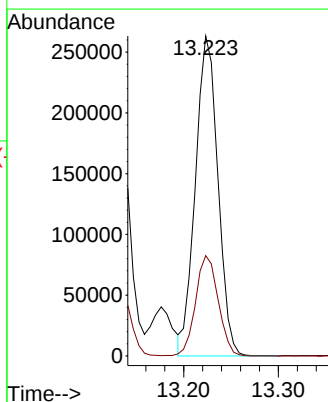
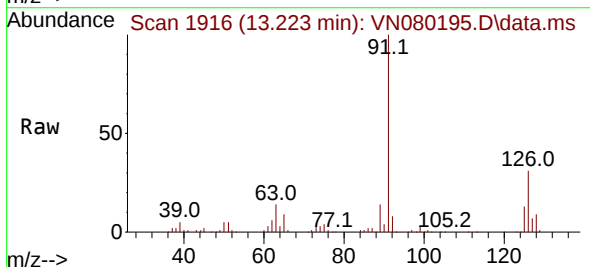
Manual Integrations
APPROVED

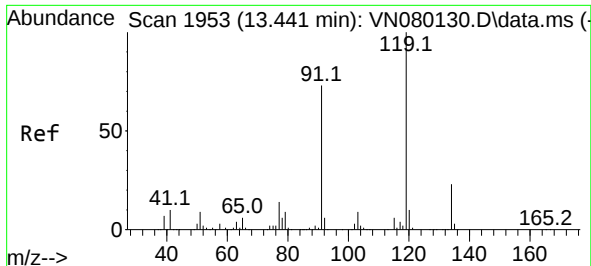
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 48.012 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

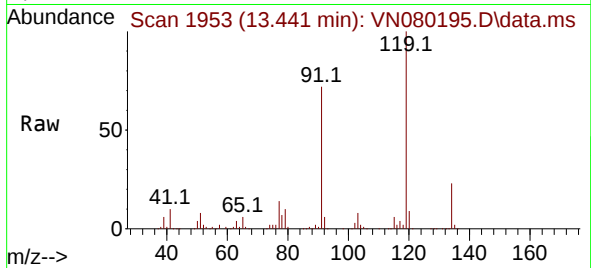
Tgt Ion: 91 Resp: 434176
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.139 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

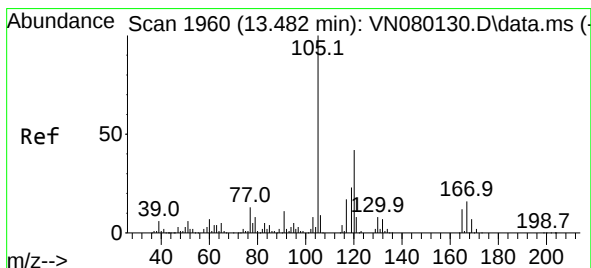
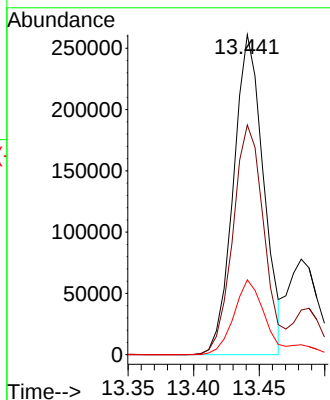
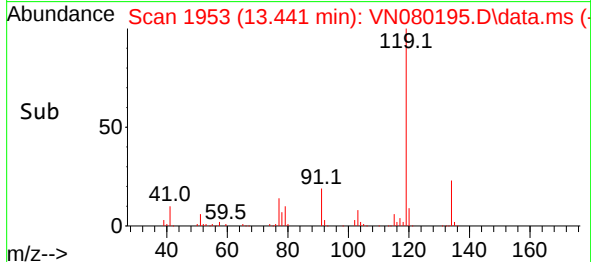
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



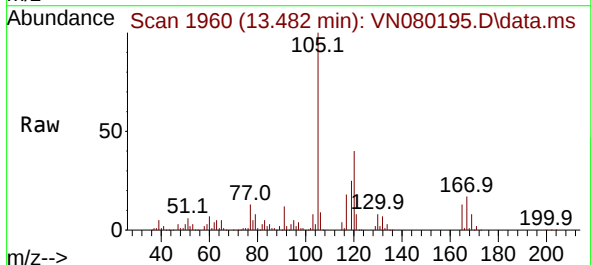
Tgt Ion:119 Resp: 41692
Ion Ratio Lower Upper
119 100
91 74.8 33.9 101.7
134 23.6 13.2 39.6

Manual Integrations
APPROVED

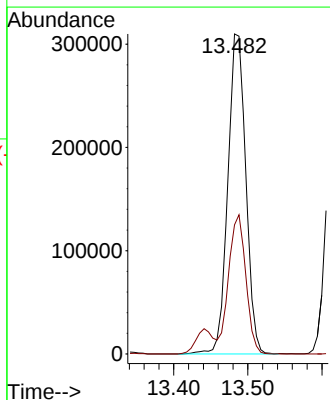
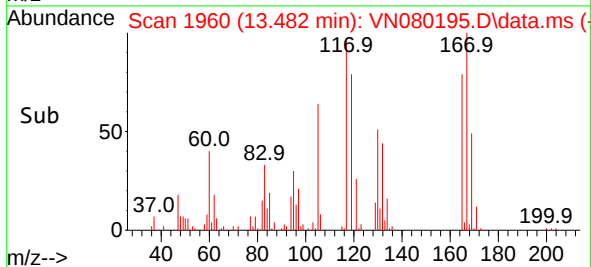
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

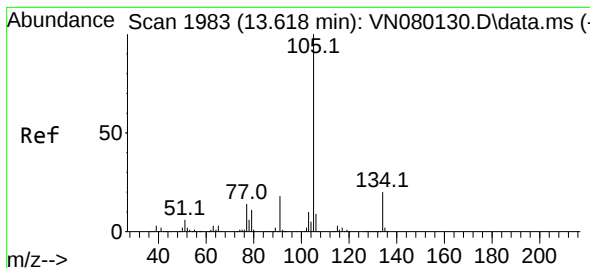


#84
1,2,4-Trimethylbenzene
Concen: 50.148 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion:105 Resp: 522437
Ion Ratio Lower Upper
105 100
120 41.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.359 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 540510

Ion Ratio Lower Upper

105 100

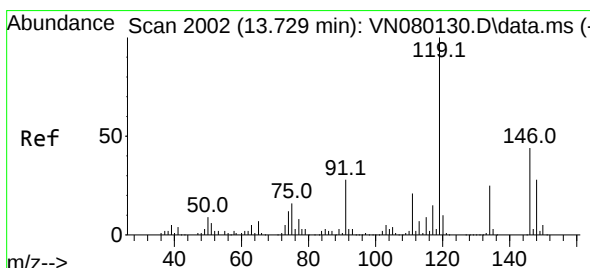
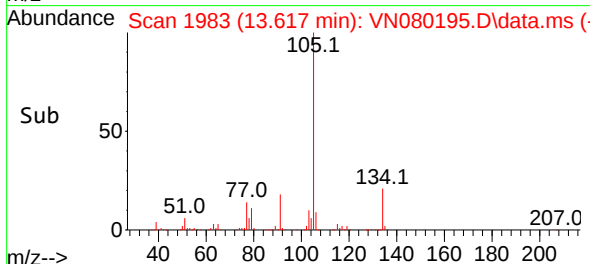
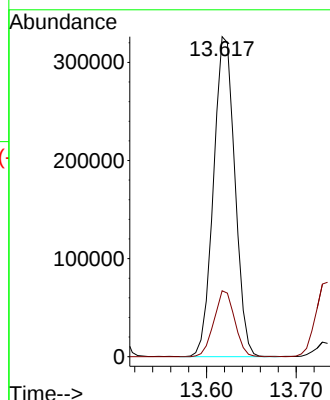
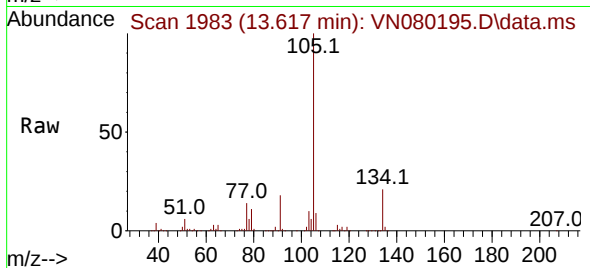
134 19.9 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#86

p-Isopropyltoluene

Concen: 50.551 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080195.D

Acq: 18 Nov 2023 19:43

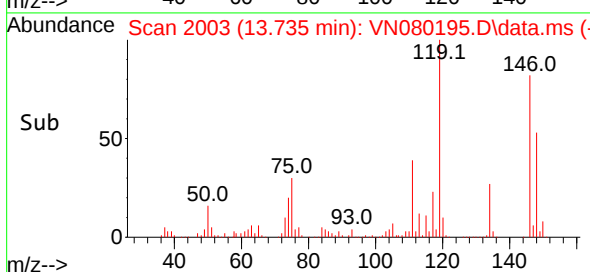
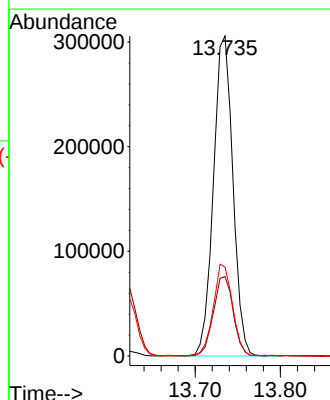
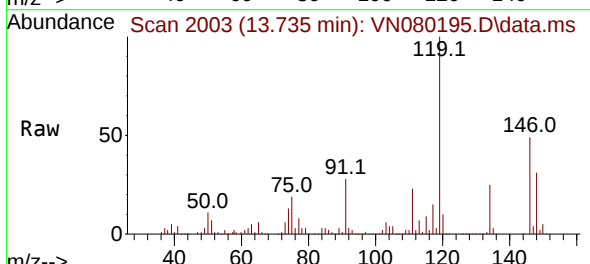
Tgt Ion:119 Resp: 484679

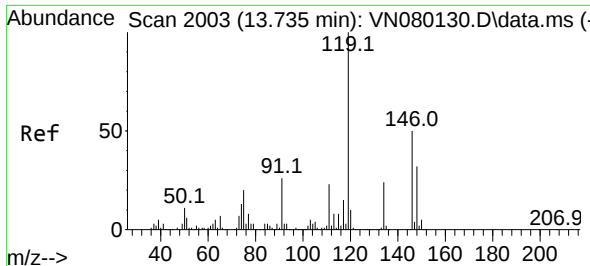
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

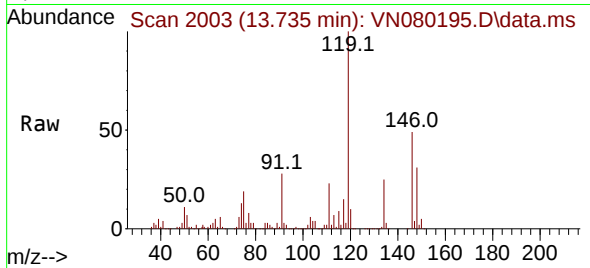
91 28.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.386 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

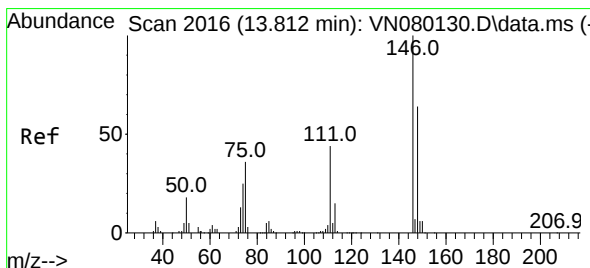
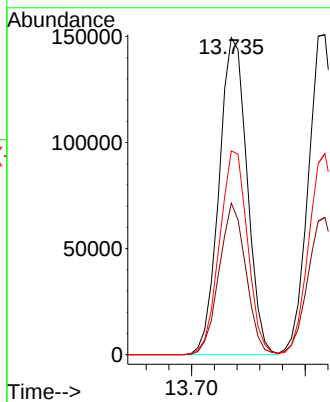
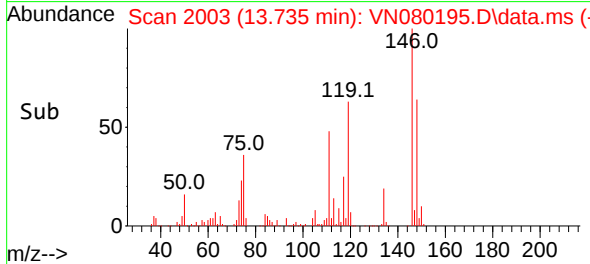
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



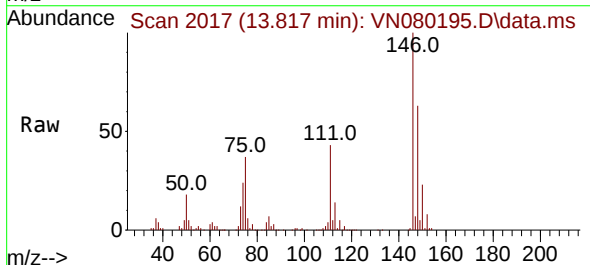
Tgt Ion:146 Resp: 256089
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 64.2 32.0 96.0

Manual Integrations
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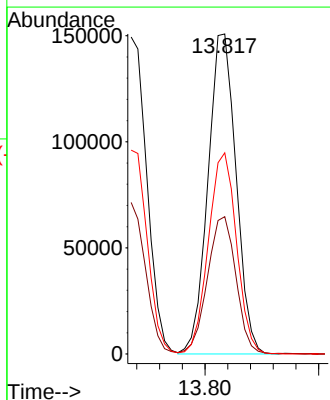
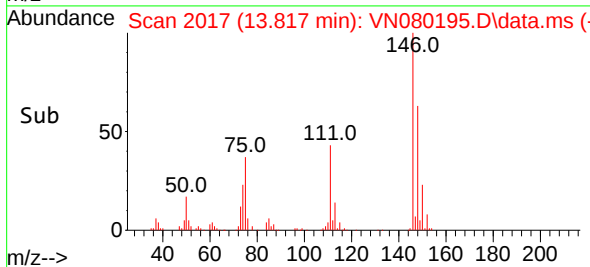
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

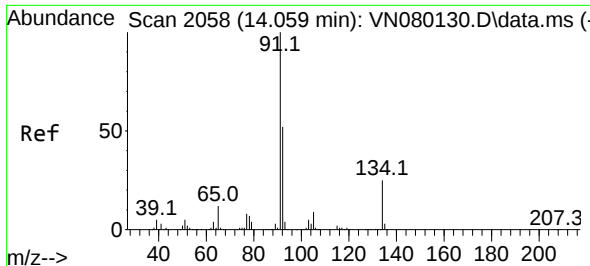


#88
1,4-Dichlorobenzene
Concen: 46.760 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



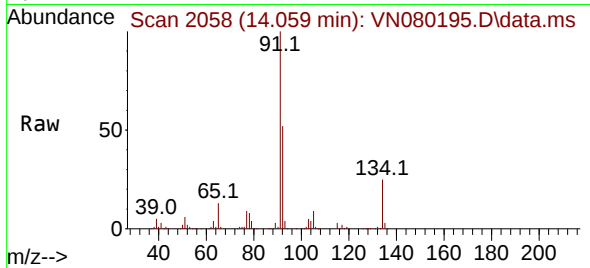
Tgt Ion:146 Resp: 259433
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 62.9 31.6 94.8





#89
n-Butylbenzene
Concen: 48.179 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

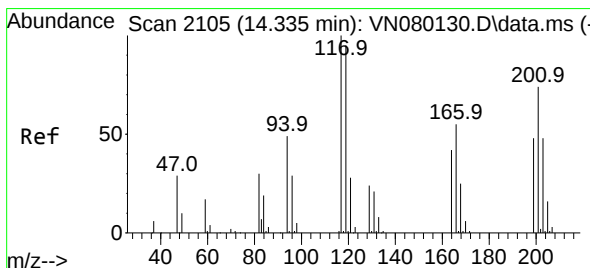
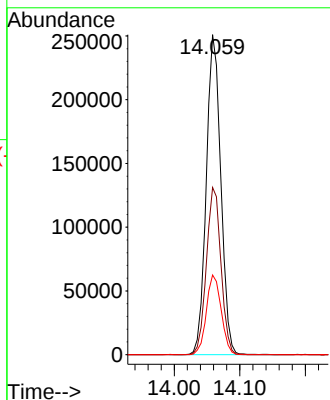
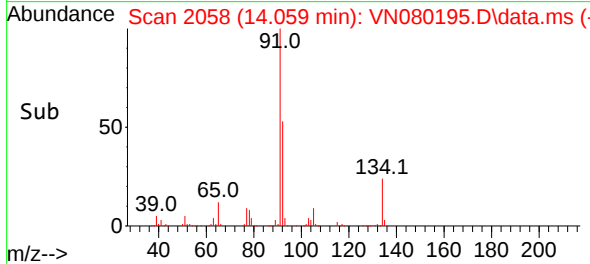
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 386638
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.4 12.6 37.6

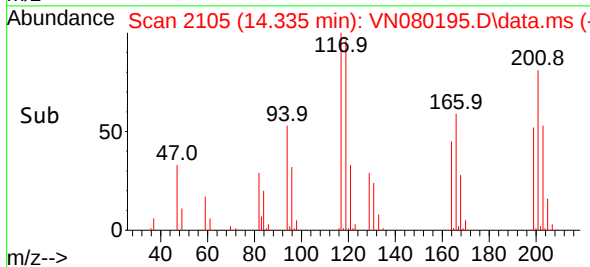
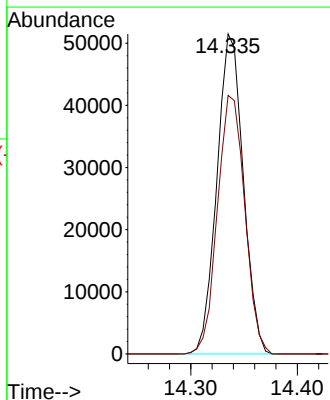
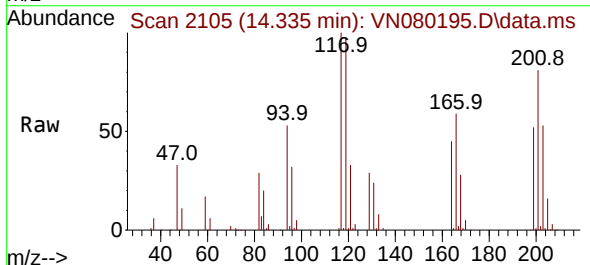
Manual Integrations
APPROVED

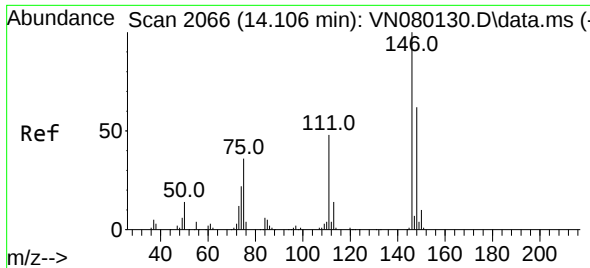
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 47.390 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Tgt Ion:117 Resp: 88580
Ion Ratio Lower Upper
117 100
201 83.6 29.3 88.0





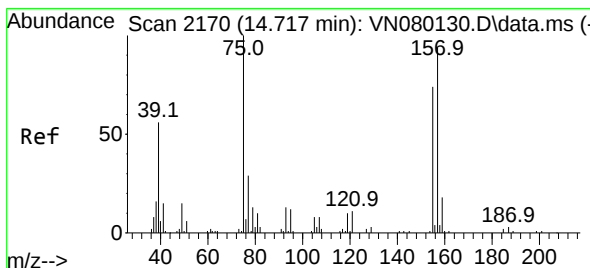
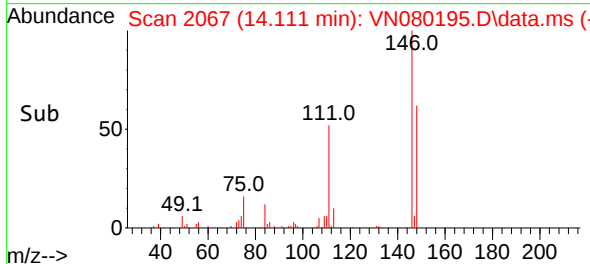
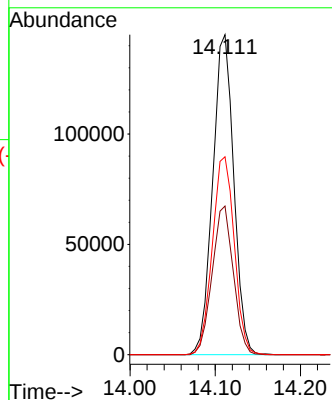
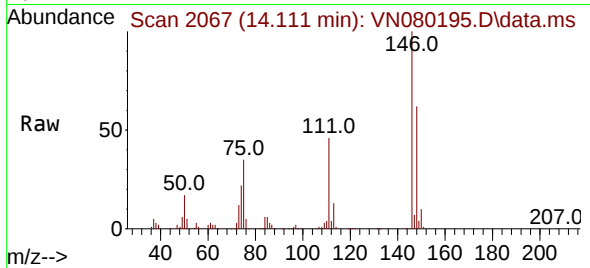
#91
1,2-Dichlorobenzene
Concen: 47.099 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 248828
Ion Ratio Lower Upper
146 100
111 46.6 22.0 66.0
148 64.5 31.8 95.3

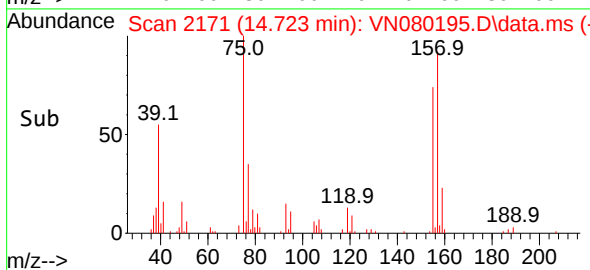
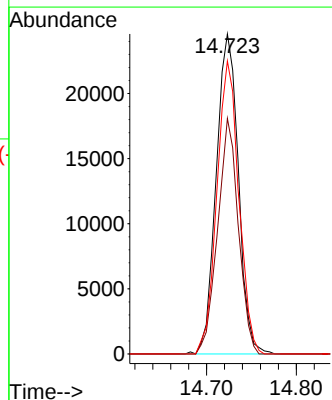
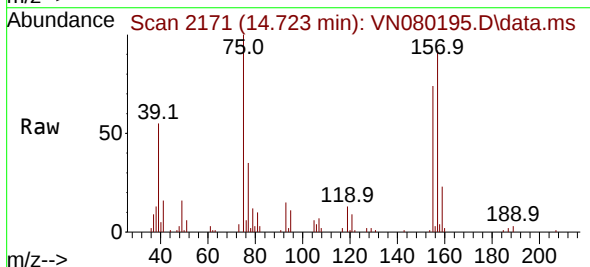
Manual Integrations
APPROVED

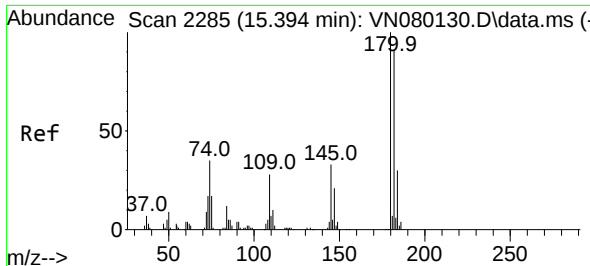
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.718 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

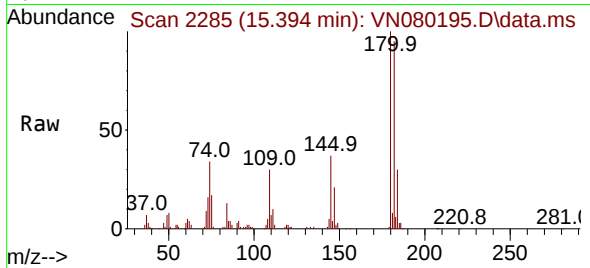
Tgt Ion: 75 Resp: 42009
Ion Ratio Lower Upper
75 100
155 69.1 39.1 117.2
157 90.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.468 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

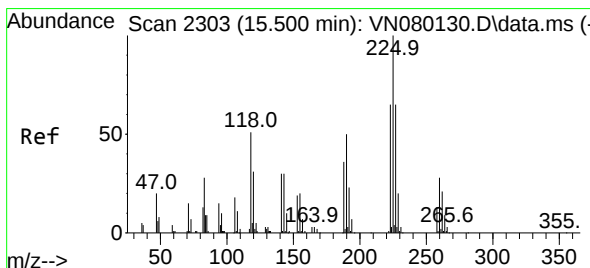
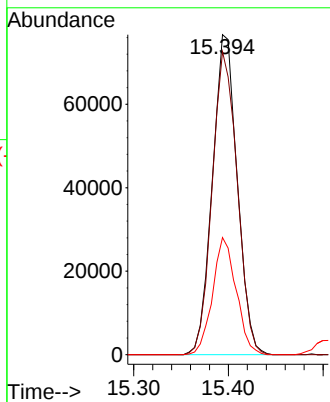
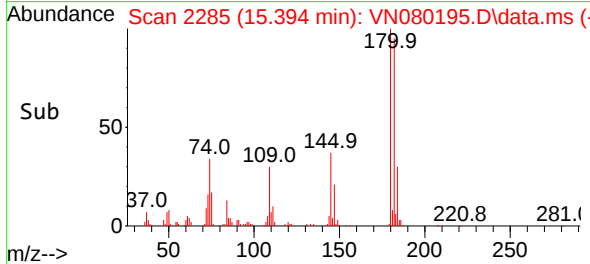
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 13971
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 34.8 16.6 49.8

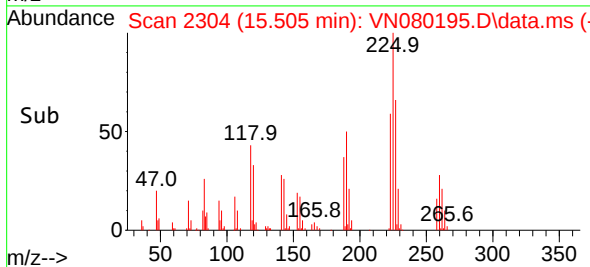
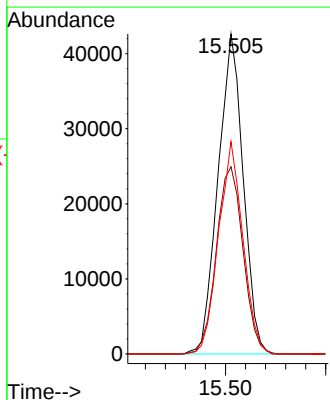
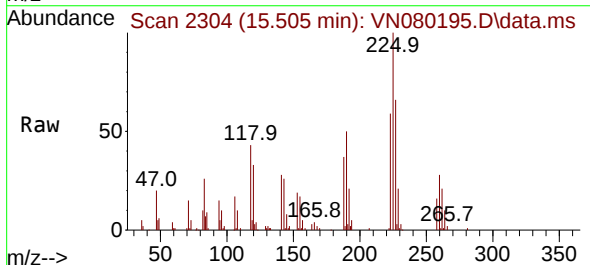
Manual Integrations
APPROVED

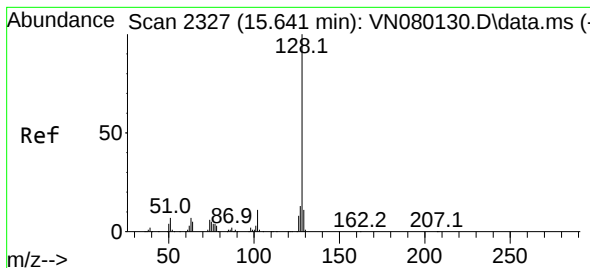
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#94
Hexachlorobutadiene
Concen: 41.974 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

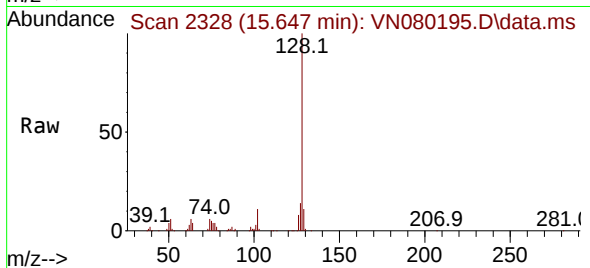
Tgt Ion:225 Resp: 74222
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 45.964 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43

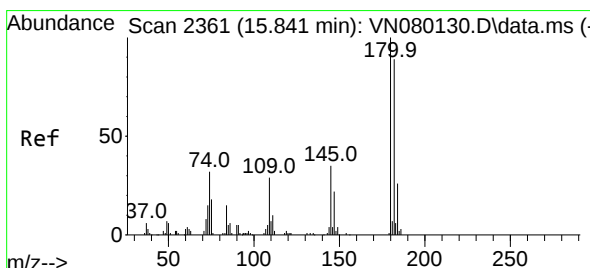
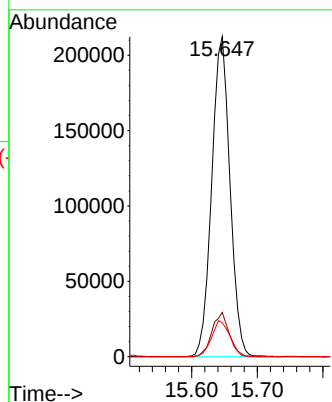
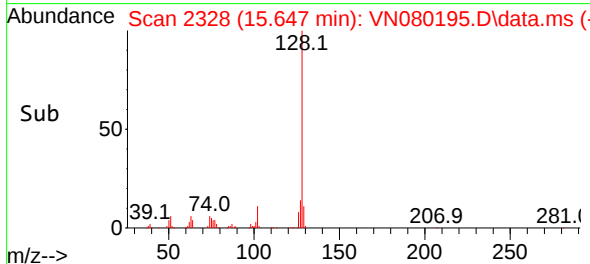
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



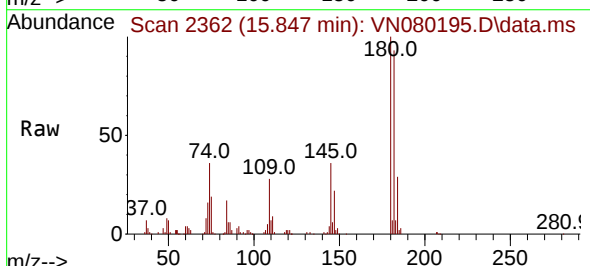
Tgt Ion:128 Resp: 409550
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.432 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080195.D
Acq: 18 Nov 2023 19:43



Tgt Ion:180 Resp: 133730
Ion Ratio Lower Upper
180 100
182 97.8 46.2 138.6
145 35.6 17.5 52.6

