

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080225.D
 Acq On : 21 Nov 2023 12:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:03:13 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165621	53.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.165	113	113156	52.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.571	98	391334	50.397	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	155780	53.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	129873	46.835	ug/l	100
3) Chloromethane	2.365	50	85111	40.824	ug/l	98
4) Vinyl Chloride	2.512	62	94652	42.901	ug/l	99
5) Bromomethane	2.953	94	71094	47.466	ug/l	99
6) Chloroethane	3.118	64	61592	44.904	ug/l	98
7) Trichlorofluoromethane	3.500	101	221249	48.072	ug/l	97
8) Diethyl Ether	3.965	74	66957	50.023	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	96075	45.671	ug/l	94
10) Methyl Iodide	4.589	142	124220	54.639	ug/l #	77
11) Tert butyl alcohol	5.512	59	87496	258.845	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	91862	46.688	ug/l	87
13) Acrolein	4.171	56	63385	211.886	ug/l	96
14) Allyl chloride	5.024	41	116450	47.041	ug/l #	89
15) Acrylonitrile	5.712	53	216471	238.552	ug/l	99
16) Acetone	4.424	43	205552	199.097	ug/l	92
17) Carbon Disulfide	4.712	76	242760	41.321	ug/l	97
18) Methyl Acetate	5.018	43	148116	44.651	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	384289	55.305	ug/l	99
20) Methylene Chloride	5.277	84	117612	54.399	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	104176	48.195	ug/l #	80
22) Diisopropyl ether	6.671	45	278742	50.894	ug/l	98
23) Vinyl Acetate	6.600	43	843951	256.312	ug/l	94
24) 1,1-Dichloroethane	6.571	63	193837	48.592	ug/l	99
25) 2-Butanone	7.483	43	252415	205.778	ug/l	93
26) 2,2-Dichloropropane	7.488	77	206037	52.061	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	126485	51.612	ug/l	87
28) Bromochloromethane	7.812	49	75489	48.136	ug/l	96
29) Tetrahydrofuran	7.835	42	151975	230.772	ug/l	95
30) Chloroform	7.965	83	240753	53.997	ug/l	94
31) Cyclohexane	8.253	56	133161	39.835	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	228009	52.439	ug/l	98
36) 1,1-Dichloropropene	8.371	75	150707	48.323	ug/l	95
37) Ethyl Acetate	7.559	43	102643	47.449	ug/l	96
38) Carbon Tetrachloride	8.359	117	206882	52.274	ug/l	97
39) Methylcyclohexane	9.600	83	136346	45.342	ug/l #	90
40) Benzene	8.606	78	437345	49.341	ug/l	97

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Manual Integrations
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 Supervised By :Mahesh Dadoda 11/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	58173	48.968	ug/l	90
42) 1,2-Dichloroethane	8.671	62	207021	57.088	ug/l	93
43) Isopropyl Acetate	8.688	43	185054	43.960	ug/l	99
44) Trichloroethene	9.353	130	116905	50.280	ug/l	93
45) 1,2-Dichloropropane	9.624	63	104784	50.870	ug/l	97
46) Dibromomethane	9.712	93	84636	54.280	ug/l	90
47) Bromodichloromethane	9.888	83	195019	56.858	ug/l	97
48) Methyl methacrylate	9.682	41	115129	53.070	ug/l	91
49) 1,4-Dioxane	9.694	88	34005	942.221	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	526838	241.733	ug/l	98
52) Toluene	10.629	92	285677	51.500	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	197914	56.162	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	201480	55.962	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	111474	52.652	ug/l	98
56) Ethyl methacrylate	10.876	69	120161	55.556	ug/l	95
57) 1,3-Dichloropropane	11.165	76	193048	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	313139	256.988	ug/l	99
59) 2-Hexanone	11.194	43	396647	226.488	ug/l	96
60) Dibromochloromethane	11.359	129	146072	57.629	ug/l	100
61) 1,2-Dibromoethane	11.470	107	112566	52.117	ug/l	100
64) Tetrachloroethene	11.106	164	106372	51.568	ug/l	97
65) Chlorobenzene	11.894	112	310385	50.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	132725	55.844	ug/l	91
67) Ethyl Benzene	11.965	91	563252	51.683	ug/l	96
68) m/p-Xylenes	12.070	106	416583	104.838	ug/l	88
69) o-Xylene	12.400	106	201593	53.833	ug/l	85
70) Styrene	12.412	104	304708	54.668	ug/l #	91
71) Bromoform	12.582	173	98565	55.922	ug/l #	99
73) Isopropylbenzene	12.700	105	529754	50.179	ug/l	97
74) N-amyl acetate	12.494	43	153556	46.641	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	138659	43.883	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	138607m	41.639	ug/l	
77) Bromobenzene	12.982	156	136876	51.424	ug/l	93
78) n-propylbenzene	13.035	91	586281	49.661	ug/l	98
79) 2-Chlorotoluene	13.129	91	385422	50.266	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	469010	51.034	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	46980	47.683	ug/l #	81
82) 4-Chlorotoluene	13.223	91	393893	50.145	ug/l	98
83) tert-Butylbenzene	13.441	119	365009	49.528	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	480087	53.053	ug/l	96
85) sec-Butylbenzene	13.617	105	453974	48.694	ug/l	99
86) p-Isopropyltoluene	13.729	119	431878	51.857	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	238356	49.704	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	236933	49.163	ug/l	96
89) n-Butylbenzene	14.059	91	336102	48.216	ug/l	99
90) Hexachloroethane	14.335	117	76924	47.378	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	232891	50.749	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33392	45.497	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	130532	48.906	ug/l	99
94) Hexachlorobutadiene	15.500	225	68011	44.279	ug/l	99
95) Naphthalene	15.641	128	345215	44.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	122400	48.926	ug/l	98

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VSTDCCC050

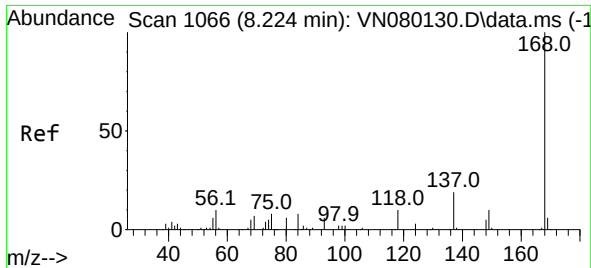
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:03:13 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

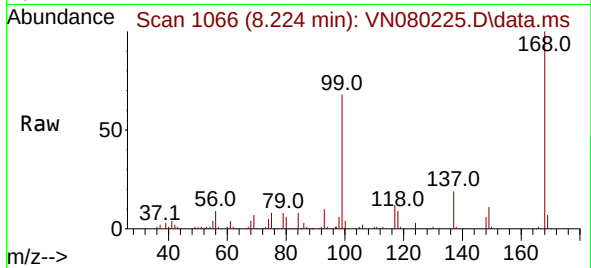
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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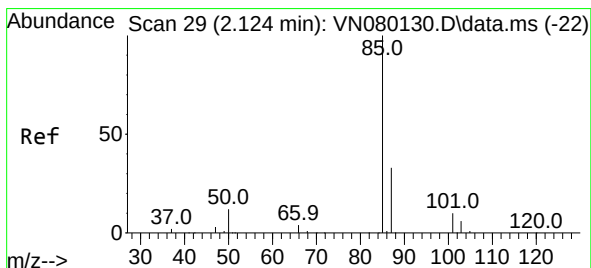
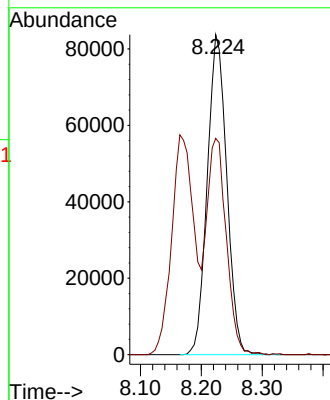
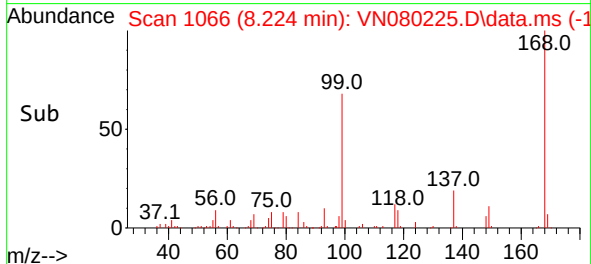
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 18616
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6

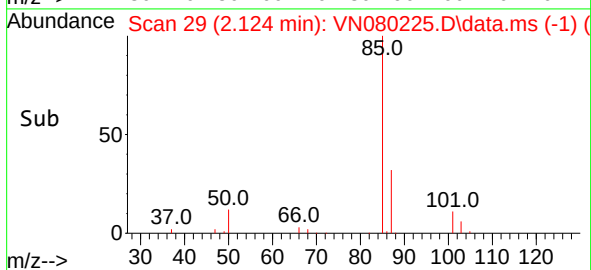
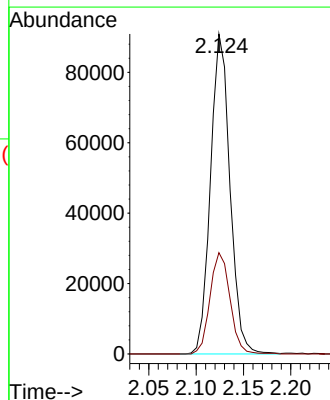
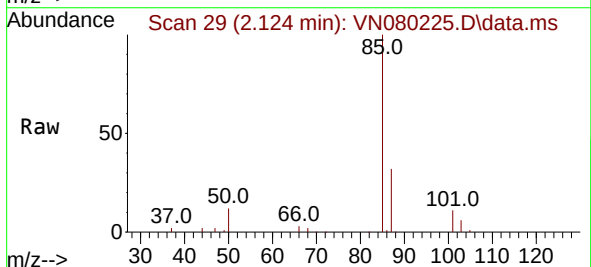
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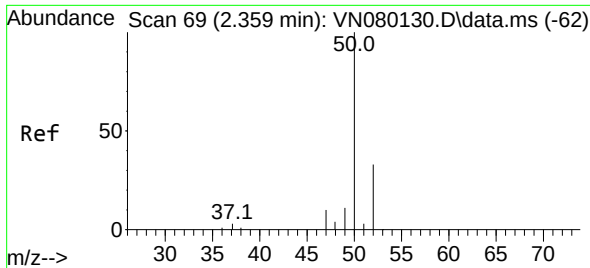
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 46.835 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 85 Resp: 129873
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





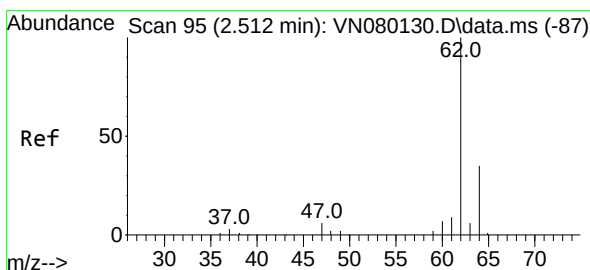
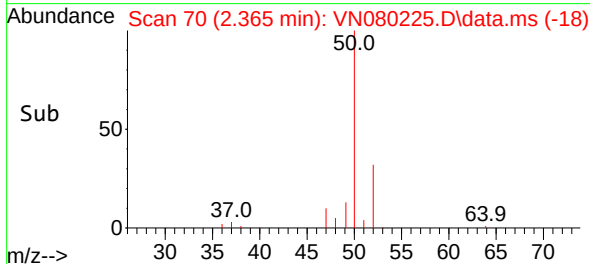
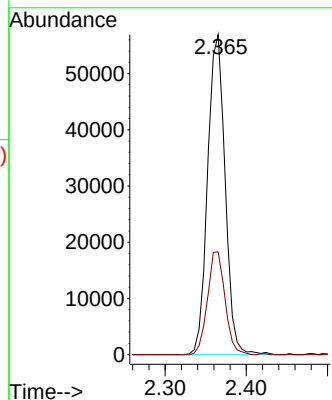
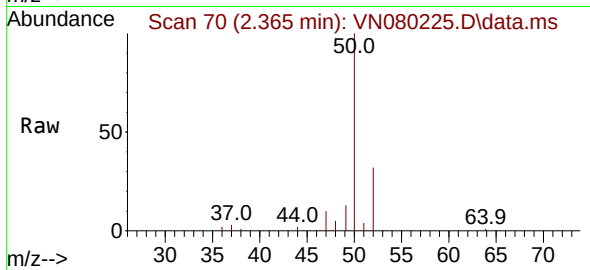
#3
Chloromethane
Concen: 40.824 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
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Tgt Ion: 50 Resp: 8511
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

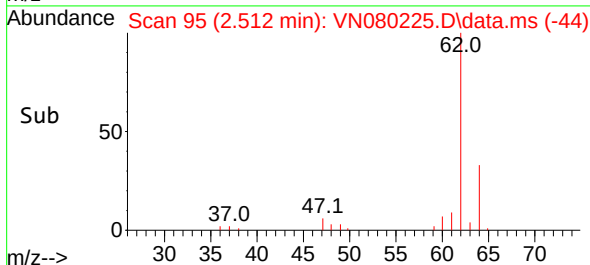
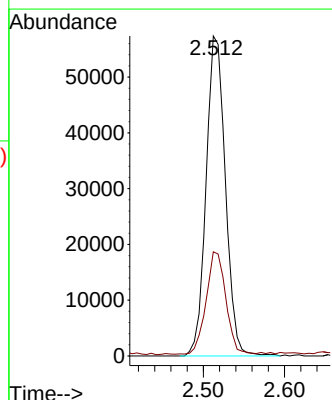
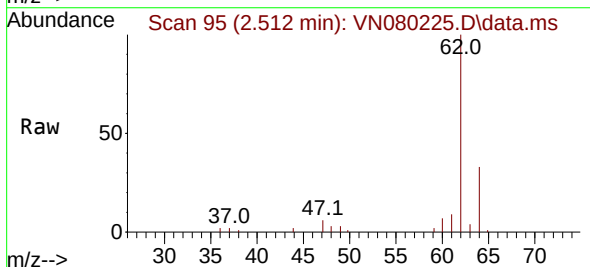
Manual Integrations
APPROVED

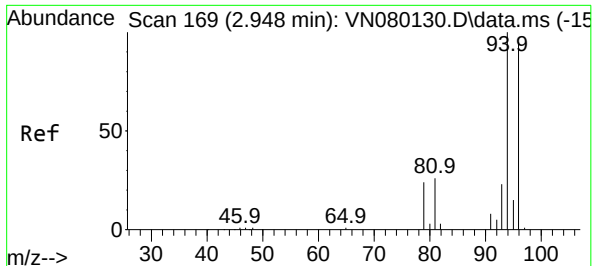
Reviewed By :John Carlone 11/22/2023
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#4
Vinyl Chloride
Concen: 42.901 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 62 Resp: 94652
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





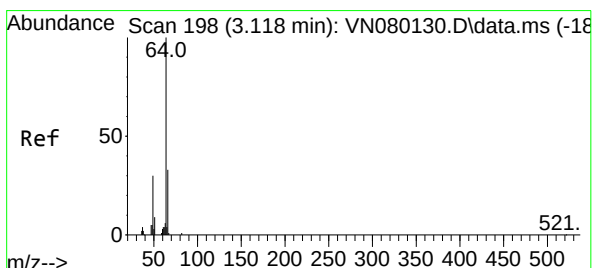
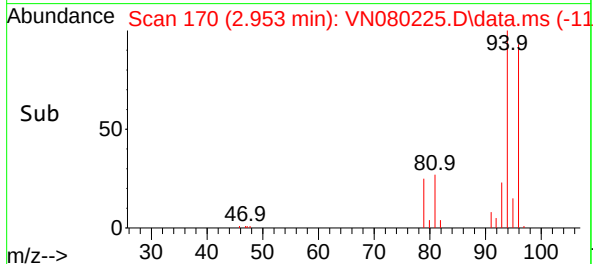
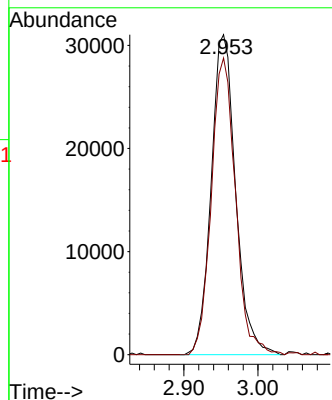
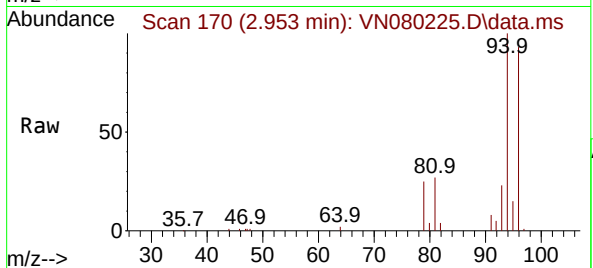
#5
Bromomethane
Concen: 47.466 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 71094
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7

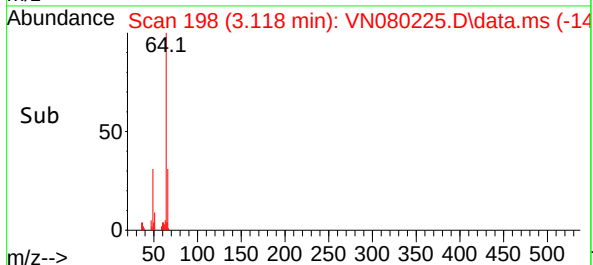
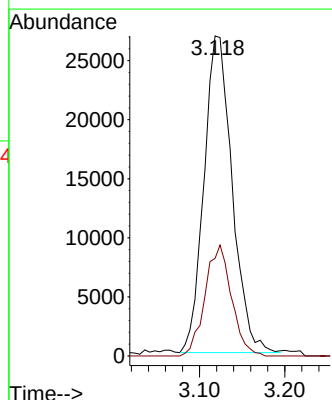
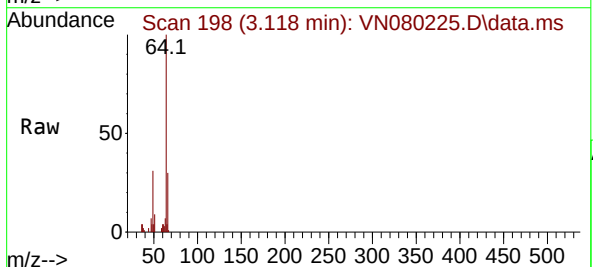
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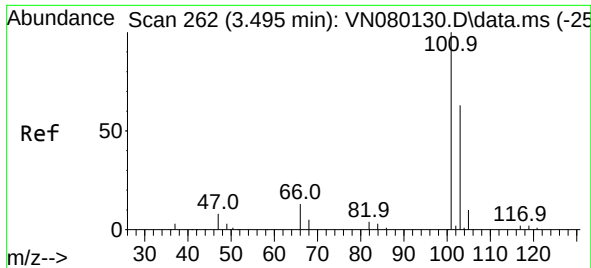
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#6
Chloroethane
Concen: 44.904 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 64 Resp: 61592
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





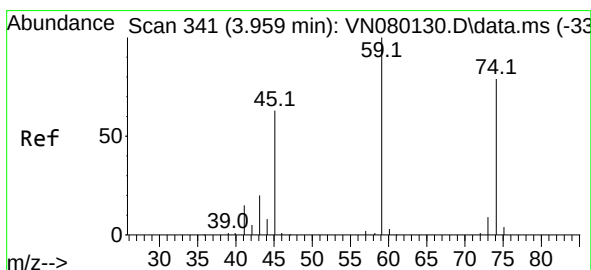
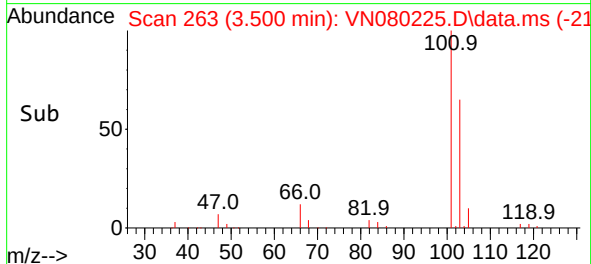
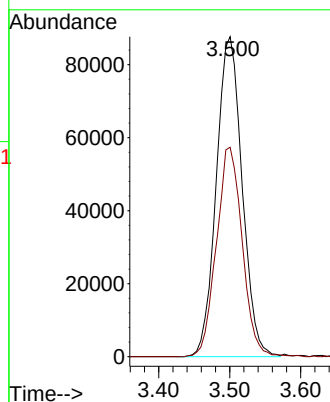
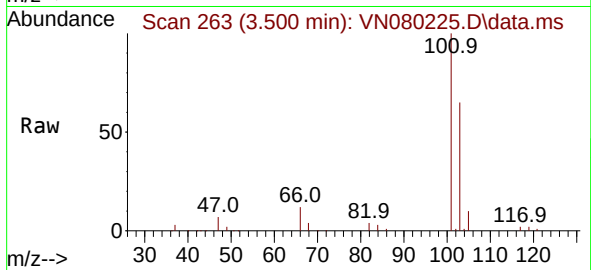
#7
Trichlorofluoromethane
Concen: 48.072 ug/l
RT: 3.500 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 221249
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

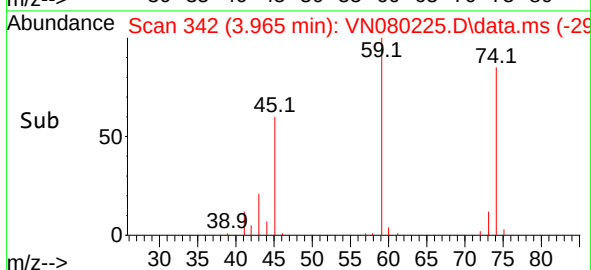
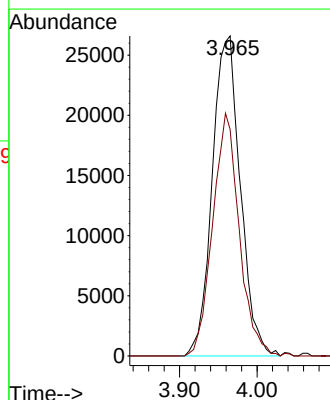
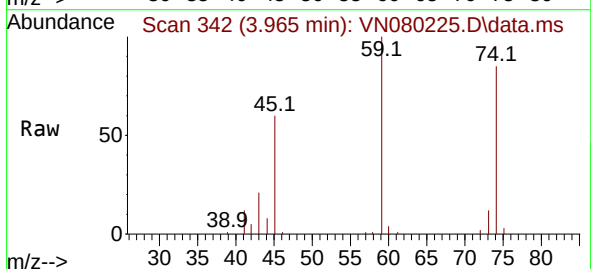
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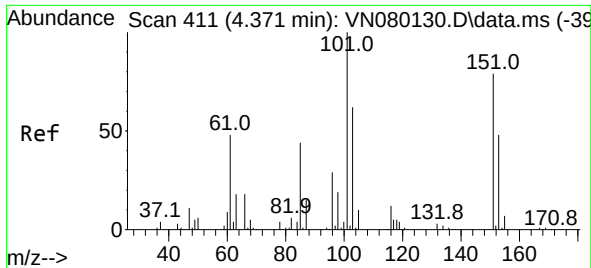
Reviewed By :John Carlone 11/22/2023
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#8
Diethyl Ether
Concen: 50.023 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 74 Resp: 66957
Ion Ratio Lower Upper
74 100
45 71.8 34.4 103.3





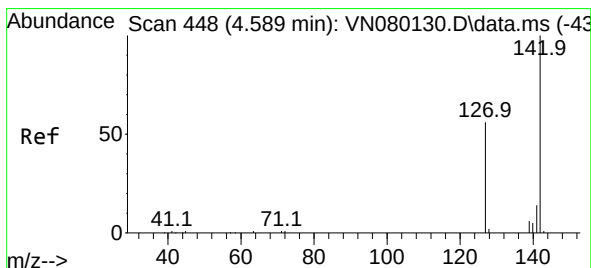
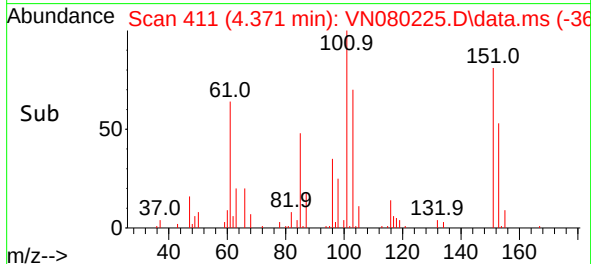
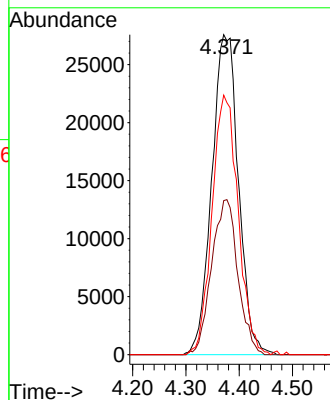
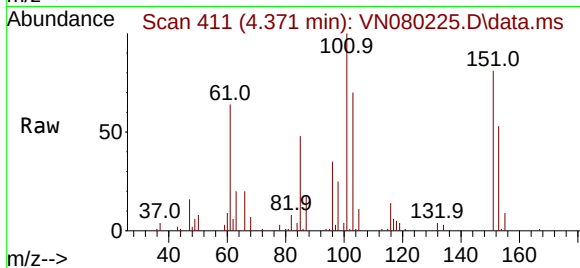
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.671 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 96075
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 79.2 57.6 86.4

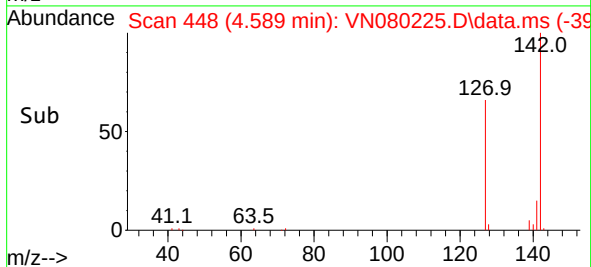
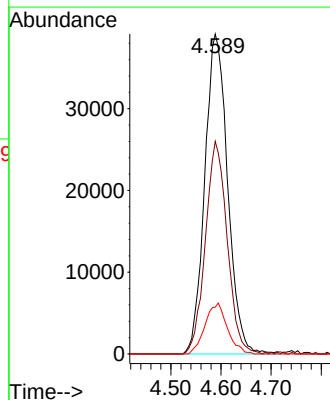
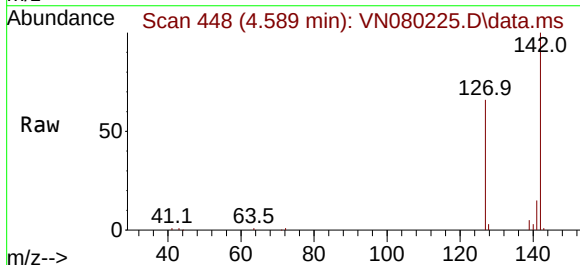
Manual Integrations
APPROVED

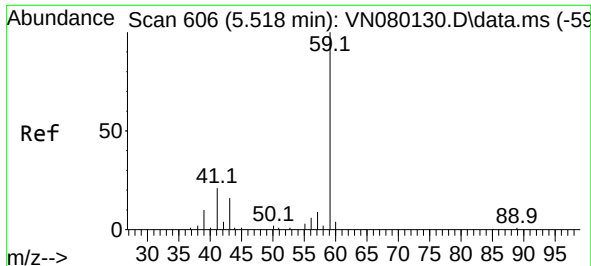
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 54.639 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

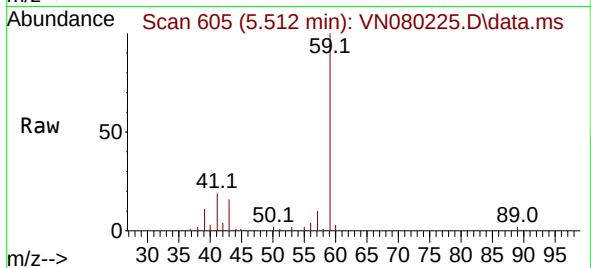
Tgt Ion:142 Resp: 124220
Ion Ratio Lower Upper
142 100
127 66.4 37.6 56.4#
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 258.845 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

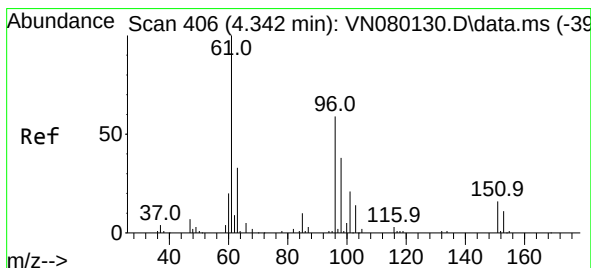
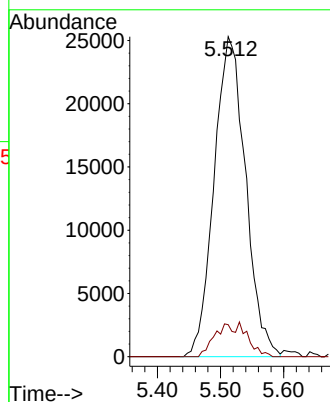
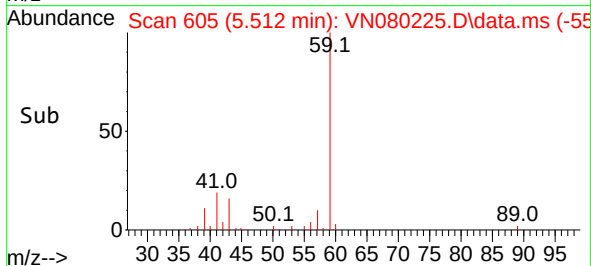
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 87490
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4

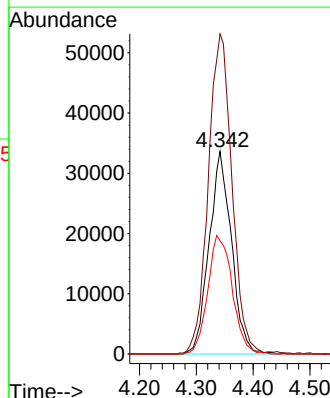
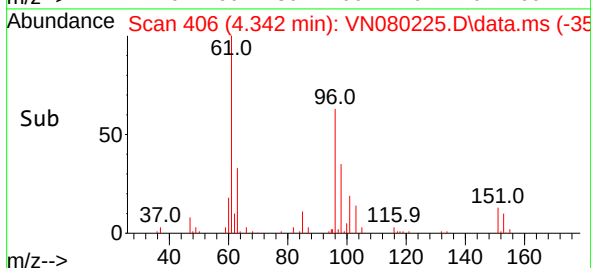
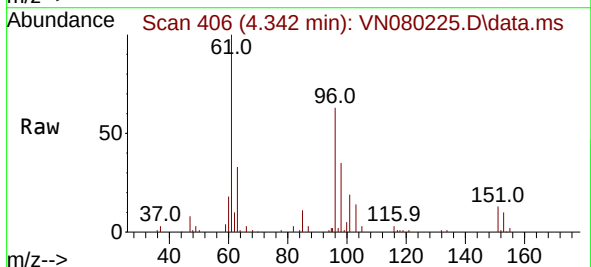
Manual Integrations
APPROVED

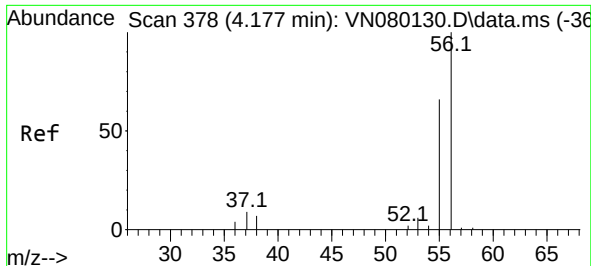
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#12
1,1-Dichloroethene
Concen: 46.688 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 96 Resp: 91862
Ion Ratio Lower Upper
96 100
61 157.5 112.7 169.1
98 55.9 51.2 76.8





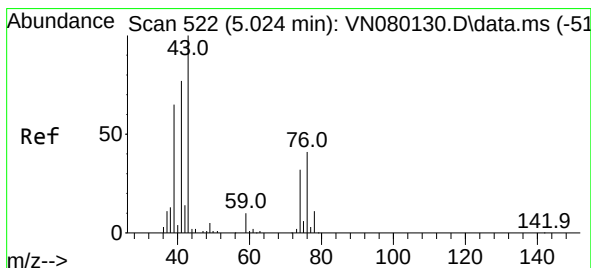
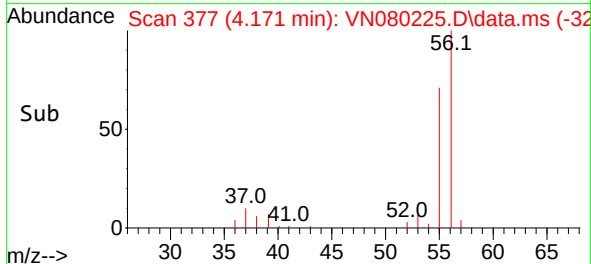
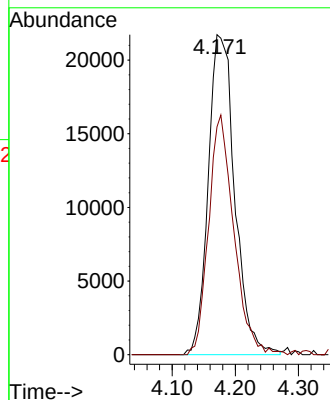
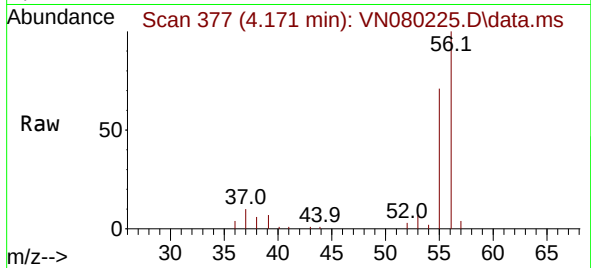
#13
Acrolein
Concen: 211.886 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 6338
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

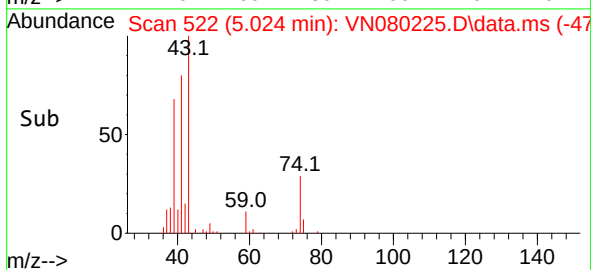
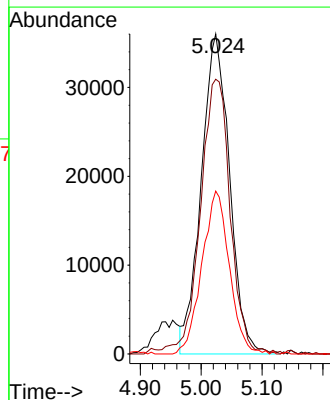
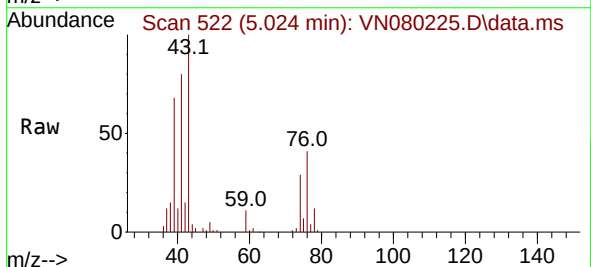
Manual Integrations
APPROVED

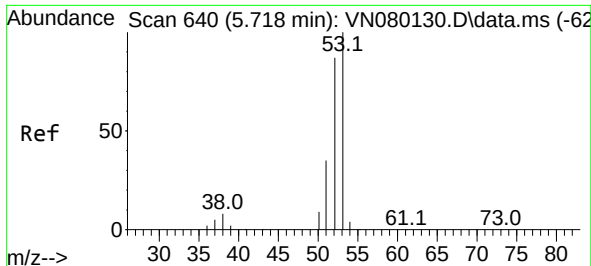
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 47.041 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

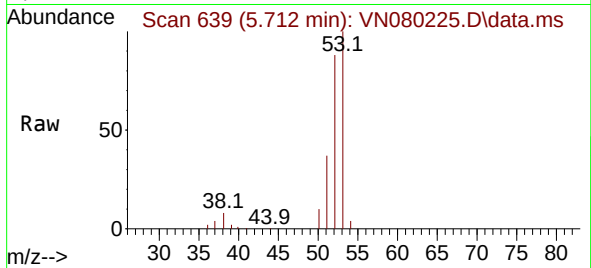
Tgt Ion: 41 Resp: 116450
Ion Ratio Lower Upper
41 100
39 88.3 58.8 88.2#
76 49.3 39.1 58.7





#15
Acrylonitrile
Concen: 238.552 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

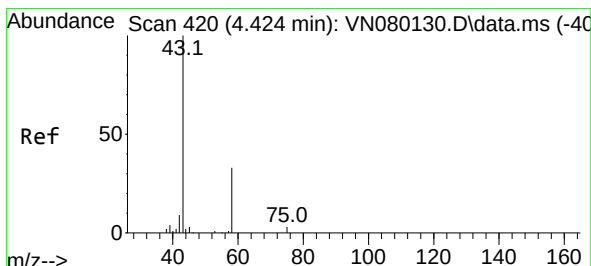
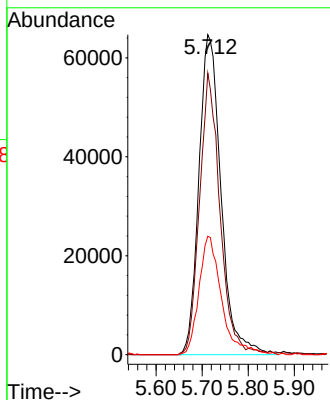
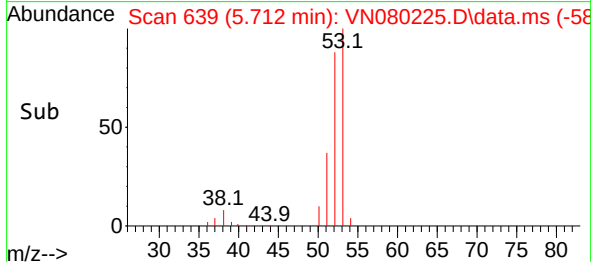
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 21647
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 37.8 28.9 43.3

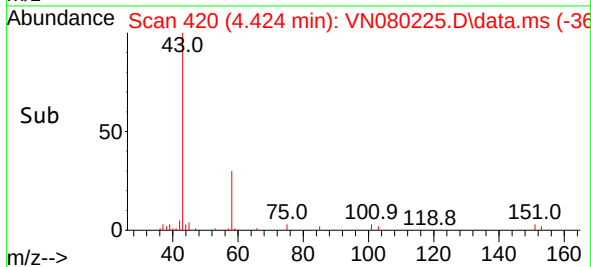
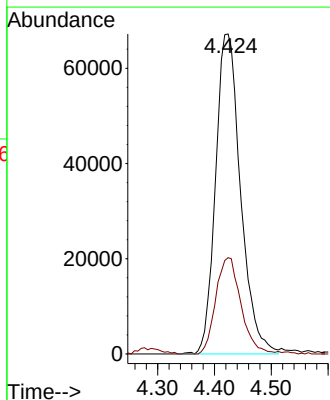
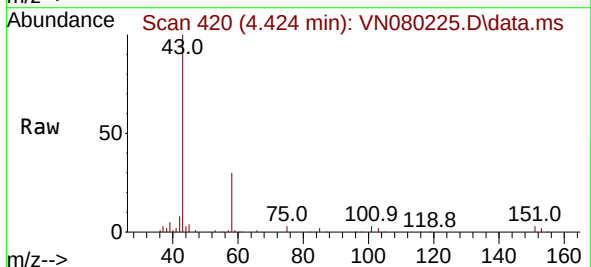
Manual Integrations
APPROVED

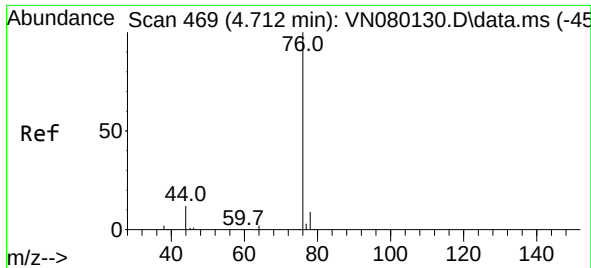
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#16
Acetone
Concen: 199.097 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

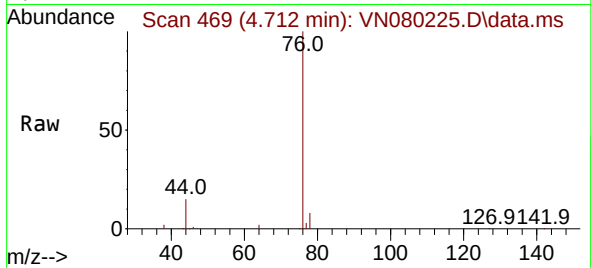
Tgt Ion: 43 Resp: 205552
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#17
Carbon Disulfide
Concen: 41.321 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

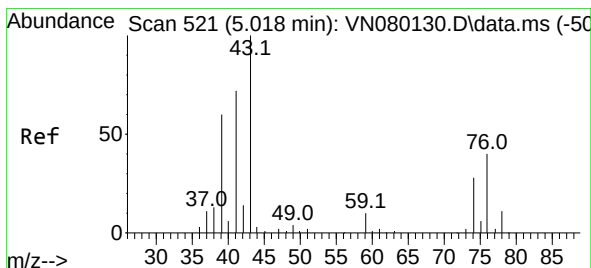
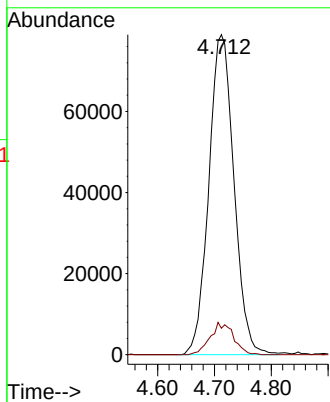
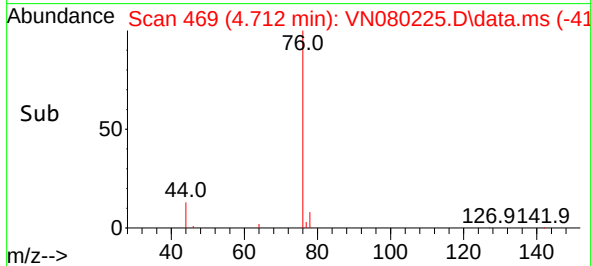
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



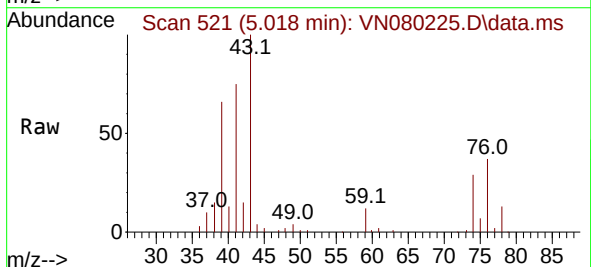
Tgt Ion: 76 Resp: 242760
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

Manual Integrations
APPROVED

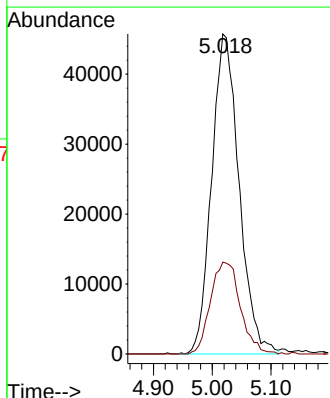
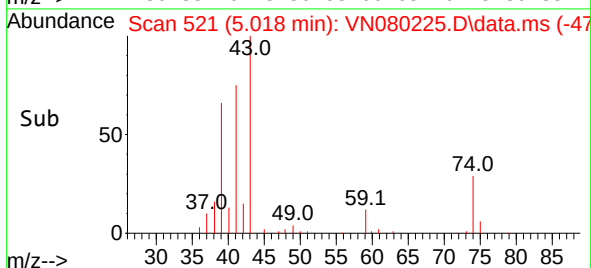
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

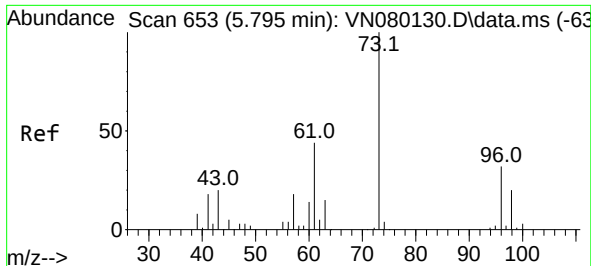


#18
Methyl Acetate
Concen: 44.651 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



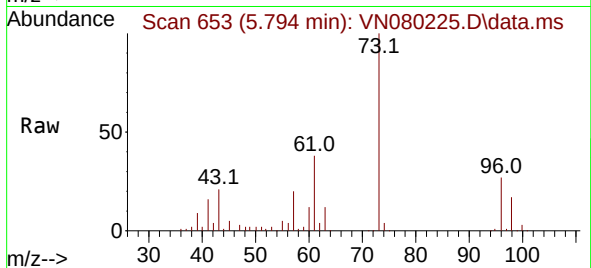
Tgt Ion: 43 Resp: 148116
Ion Ratio Lower Upper
43 100
74 31.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 55.305 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

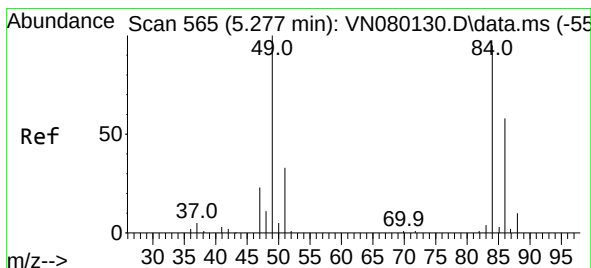
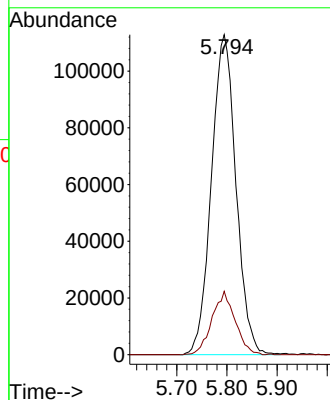
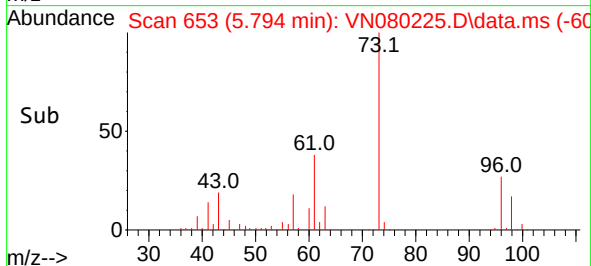
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 384289
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

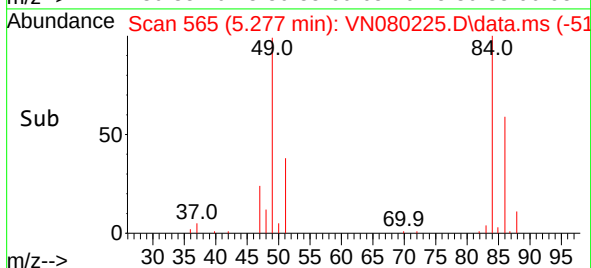
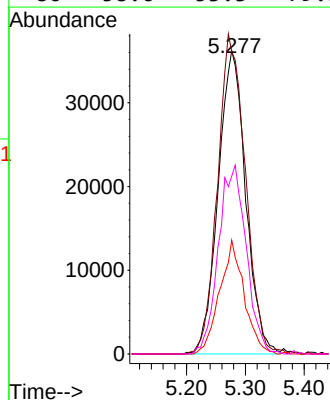
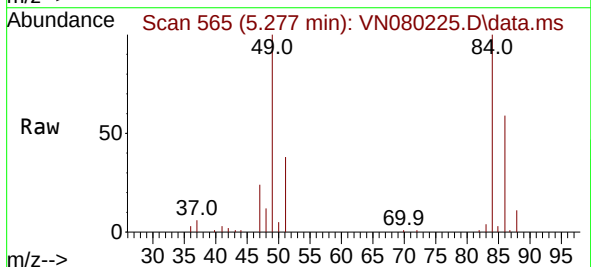
Manual Integrations
APPROVED

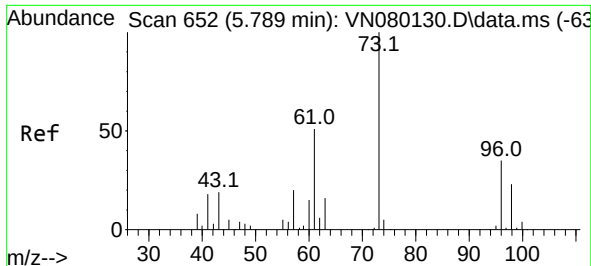
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 54.399 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

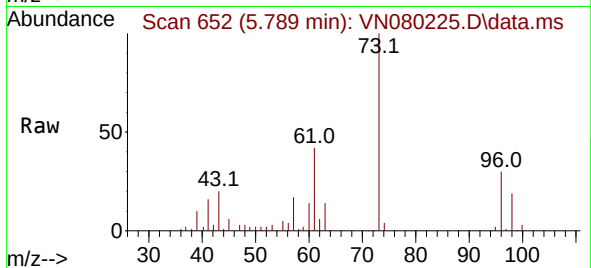
Tgt Ion: 84 Resp: 117612
Ion Ratio Lower Upper
84 100
49 99.6 79.7 119.5
51 37.5 25.2 37.8
86 58.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.195 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

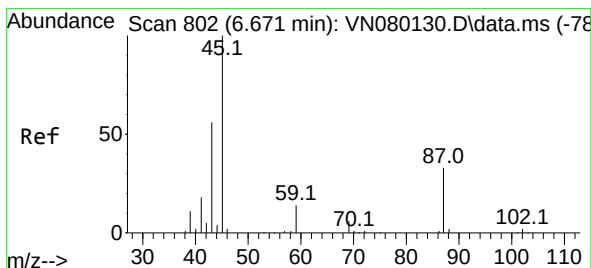
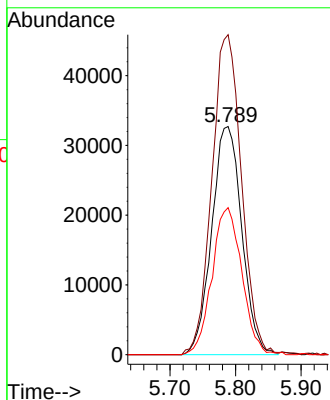
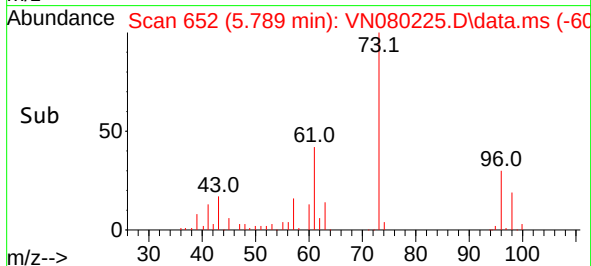
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



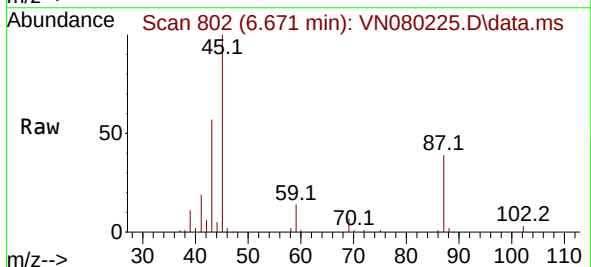
Tgt Ion: 96 Resp: 104170
Ion Ratio Lower Upper
96 100
61 140.3 90.1 135.1
98 64.4 46.4 69.6

Manual Integrations
APPROVED

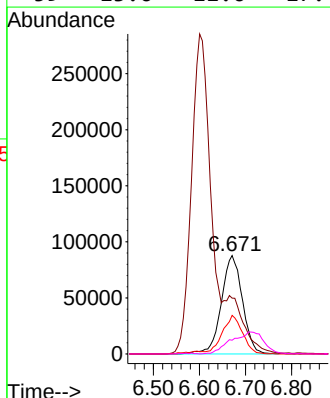
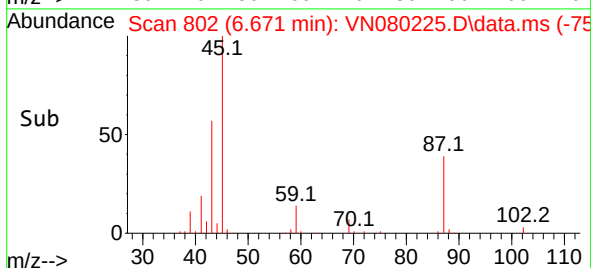
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

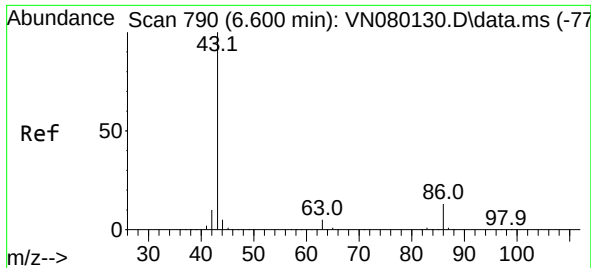


#22
Diisopropyl ether
Concen: 50.894 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



Tgt Ion: 45 Resp: 278742
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 39.2 31.8 47.8
59 13.6 11.6 17.4





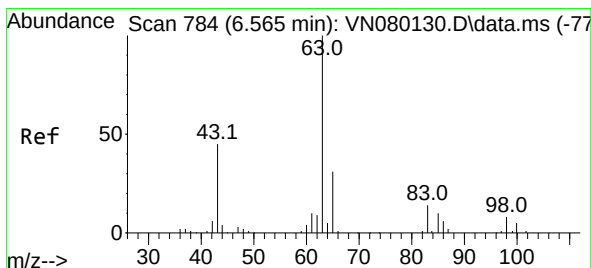
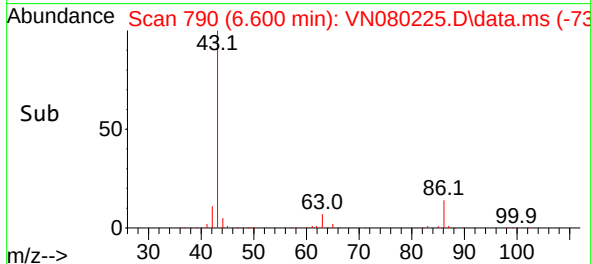
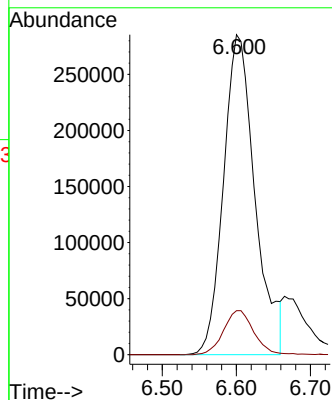
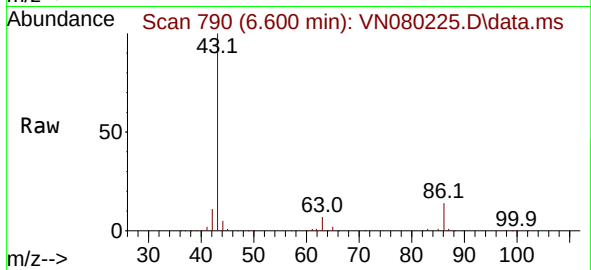
#23
 Vinyl Acetate
 Concen: 256.312 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 84395
 Ion Ratio Lower Upper
 43 100
 86 13.8 13.0 19.6

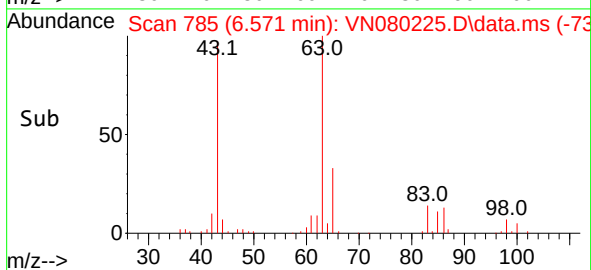
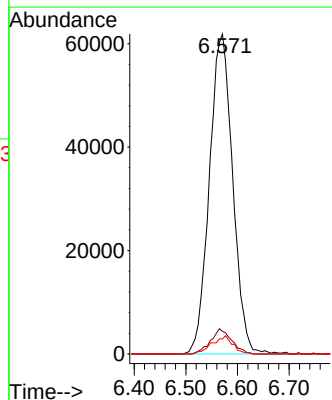
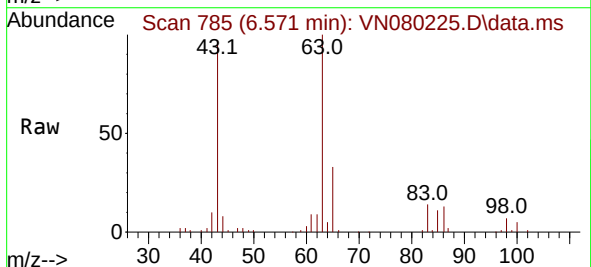
Manual Integrations
 APPROVED

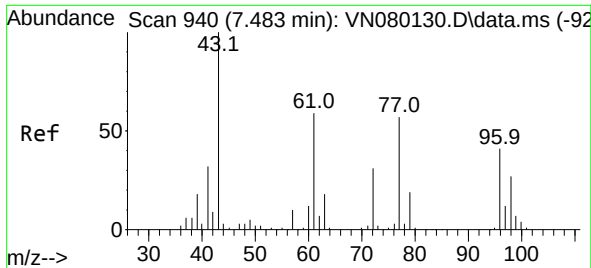
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#24
 1,1-Dichloroethane
 Concen: 48.592 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

Tgt Ion: 63 Resp: 193837
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.7 2.5 7.4





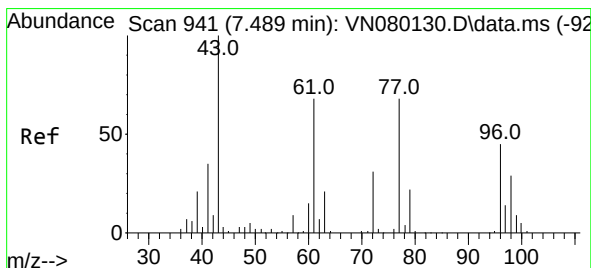
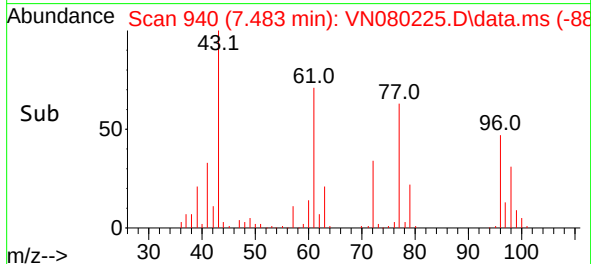
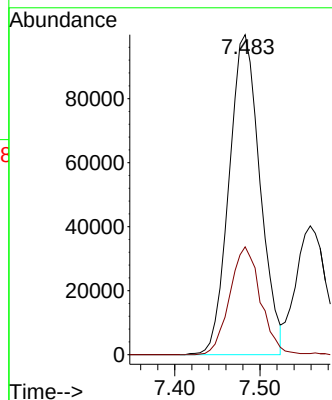
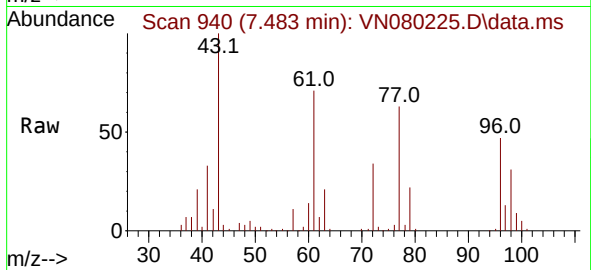
#25
2-Butanone
Concen: 205.778 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 252415
Ion Ratio Lower Upper
43 100
72 33.7 30.2 45.2

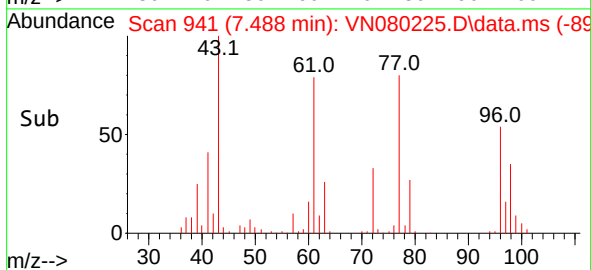
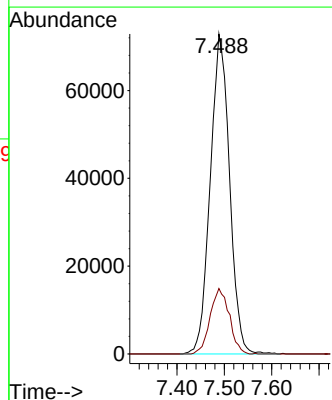
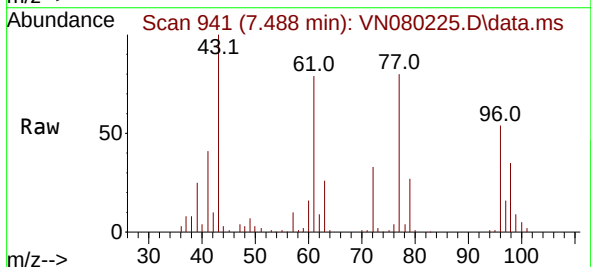
Manual Integrations
APPROVED

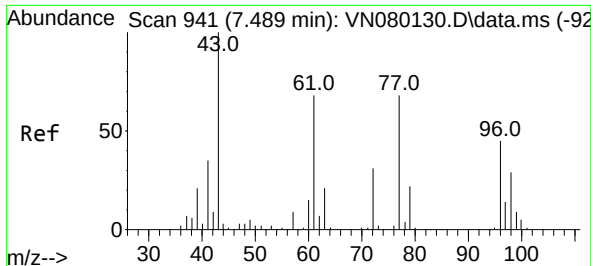
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 52.061 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

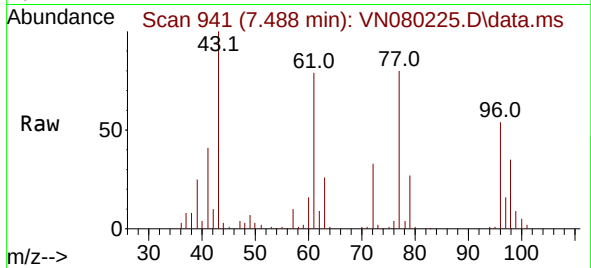
Tgt Ion: 77 Resp: 206037
Ion Ratio Lower Upper
77 100
97 20.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.612 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

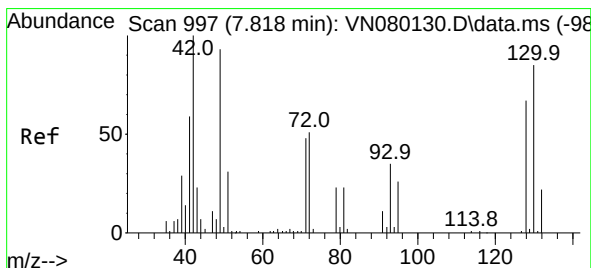
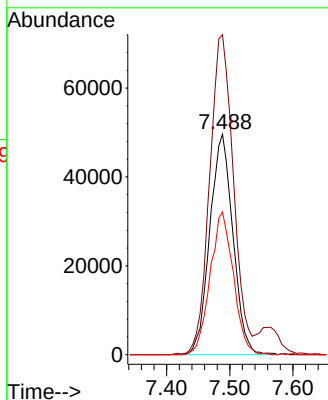
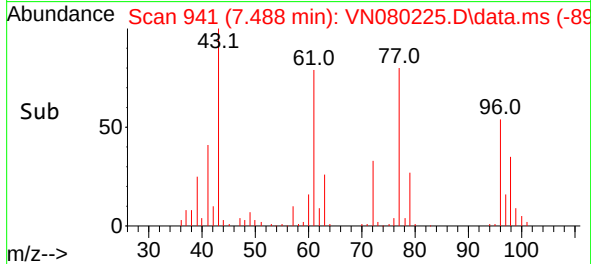
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 126489
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 255.2
 98 64.9 0.0 128.8

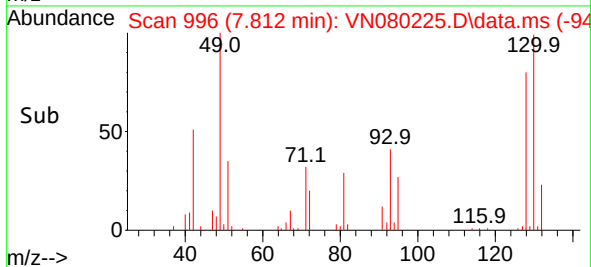
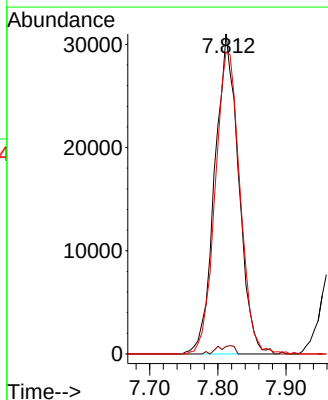
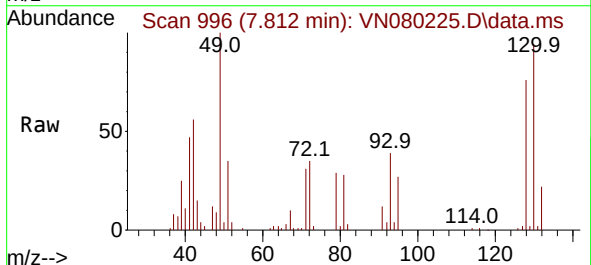
Manual Integrations
 APPROVED

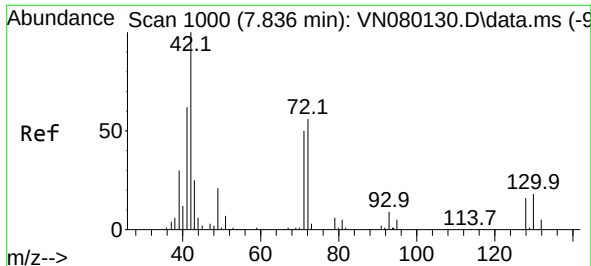
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#28
 Bromochloromethane
 Concen: 48.136 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

Tgt Ion: 49 Resp: 75489
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 98.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 230.772 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 151975

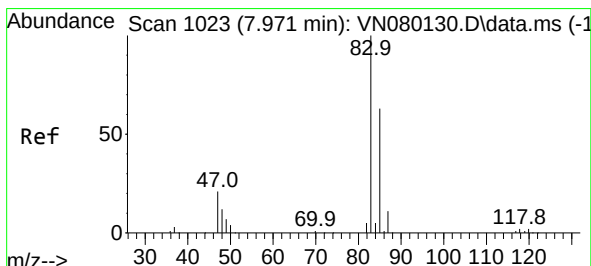
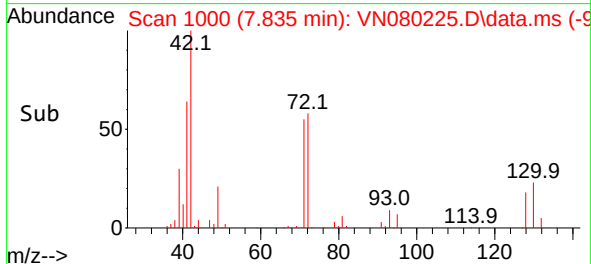
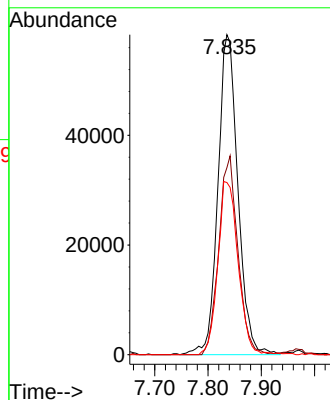
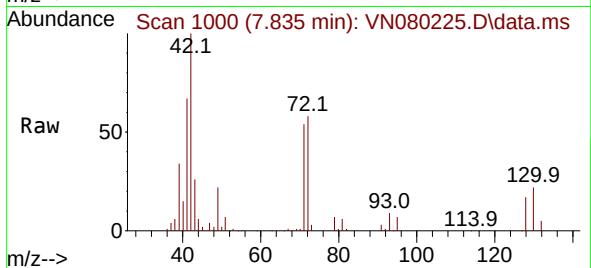
Ion	Ratio	Lower	Upper
42	100		
72	59.6	49.8	74.6
71	55.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#30

Chloroform

Concen: 53.997 ug/l

RT: 7.965 min Scan# 1022

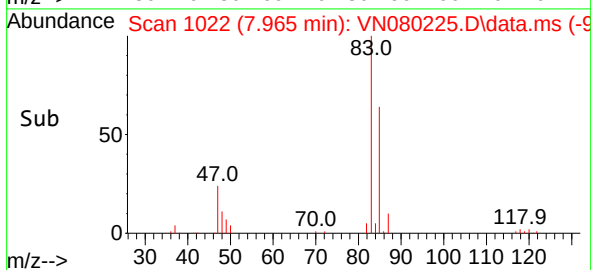
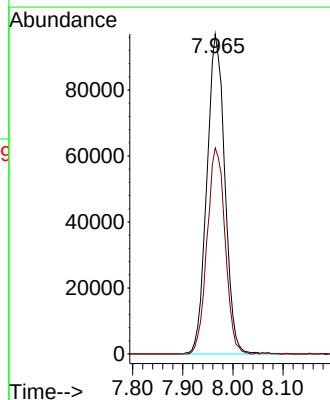
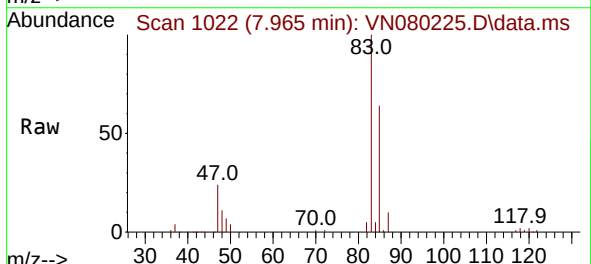
Delta R.T. -0.006 min

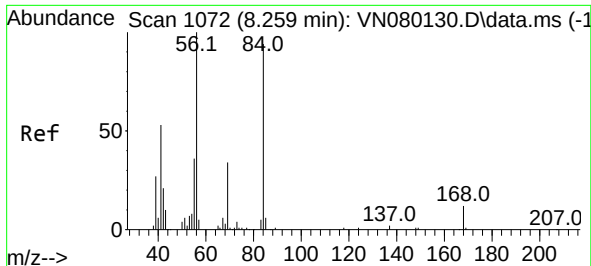
Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Tgt Ion: 83 Resp: 240753

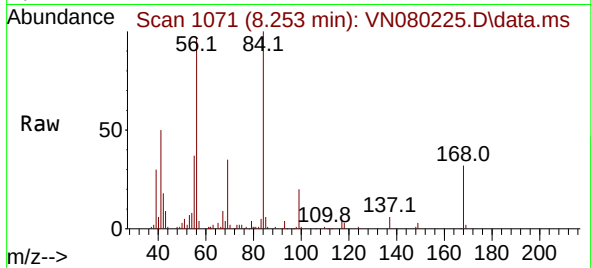
Ion	Ratio	Lower	Upper
83	100		
85	64.4	55.4	83.0





#31
Cyclohexane
Concen: 39.835 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

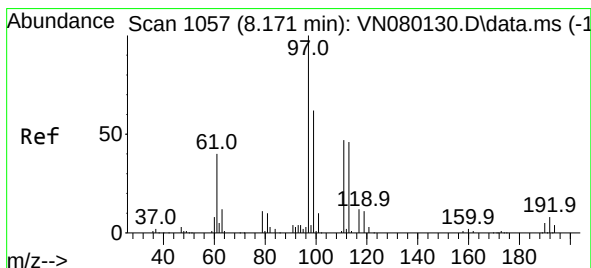
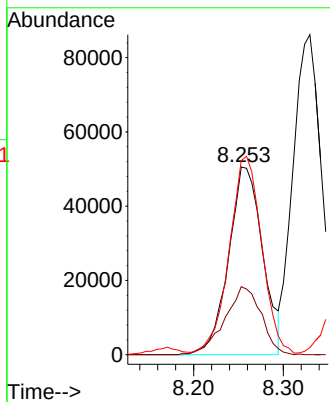
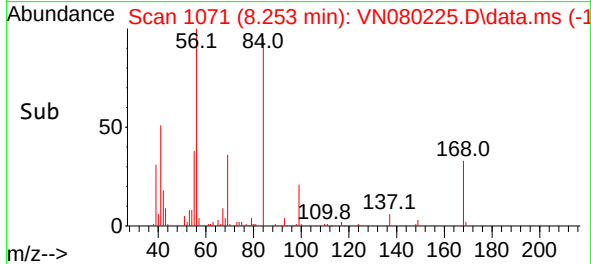
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 13316
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 100.9 81.8 122.6

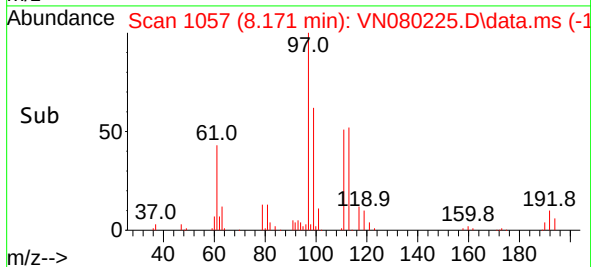
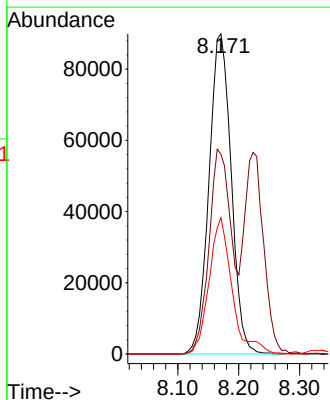
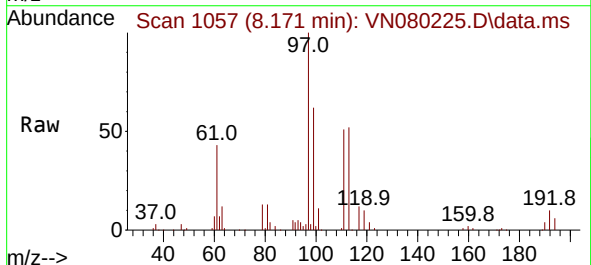
Manual Integrations
APPROVED

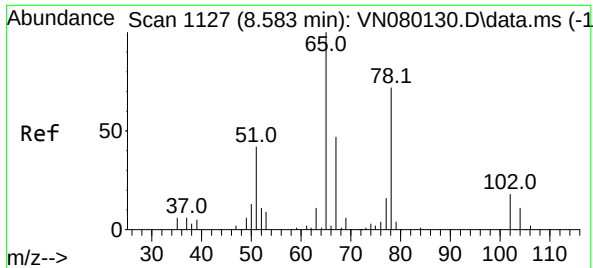
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#32
1,1,1-Trichloroethane
Concen: 52.439 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 97 Resp: 228009
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.881 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16562

Ion Ratio Lower Upper

65 100

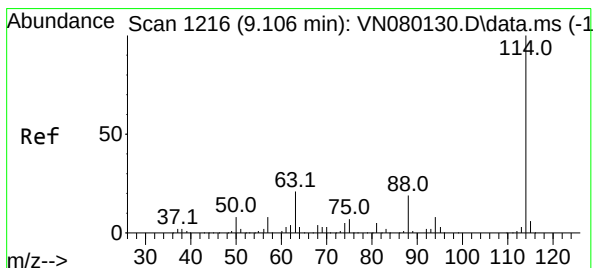
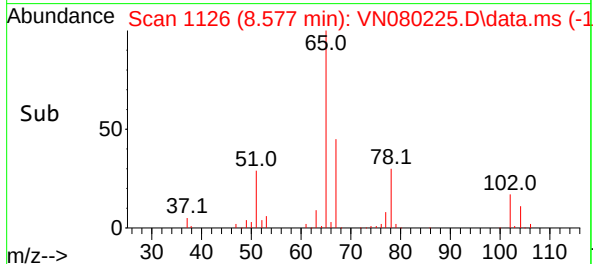
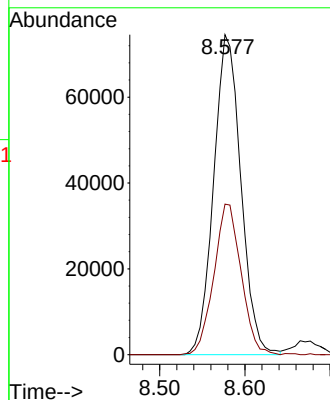
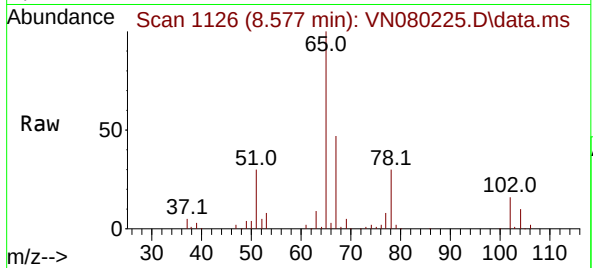
67 47.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

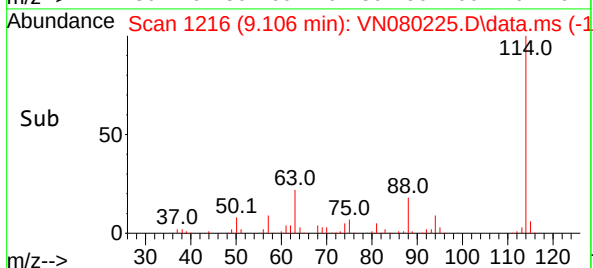
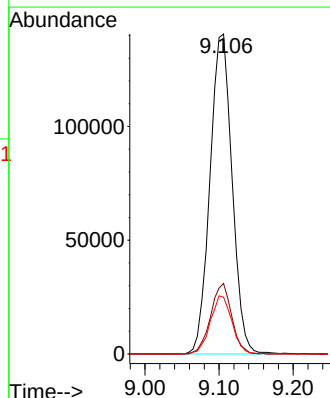
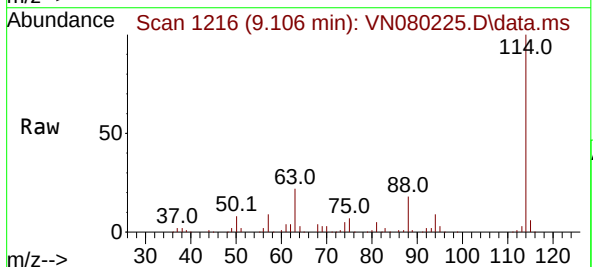
Tgt Ion:114 Resp: 291935

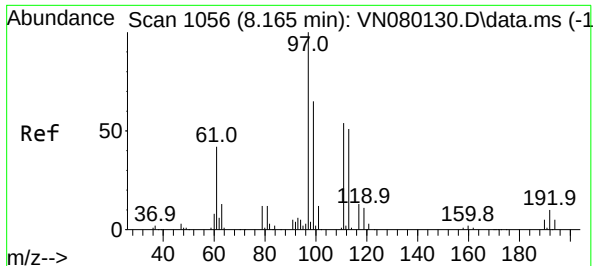
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

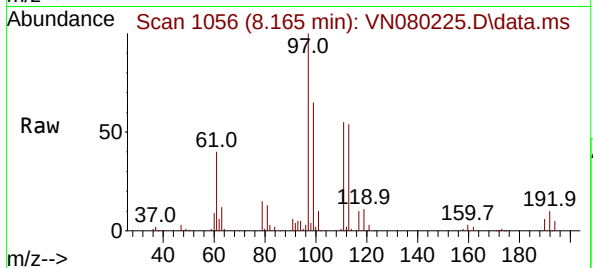
88 17.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.531 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

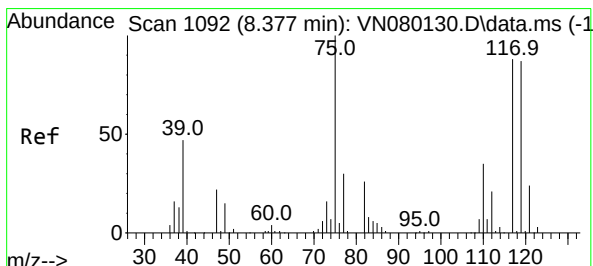
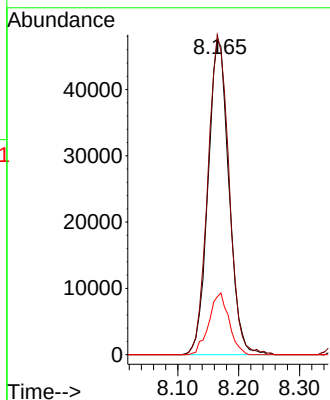
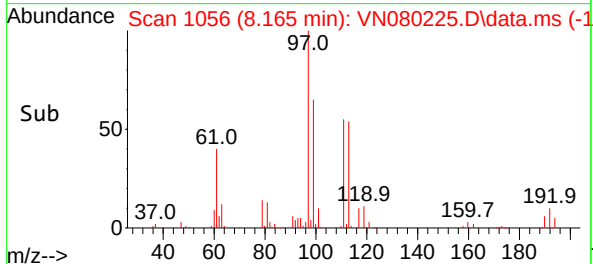
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



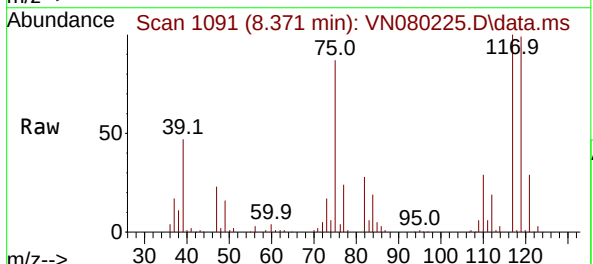
Tgt Ion: 113 Resp: 113150
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.9 12.7 19.1

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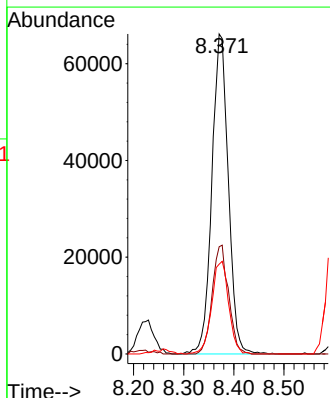
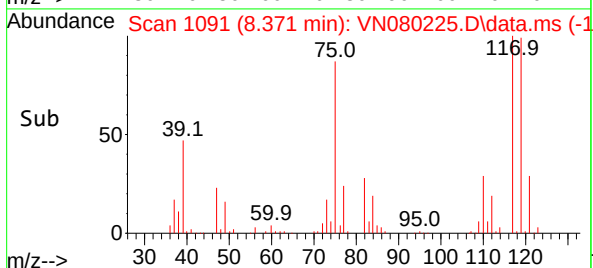
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

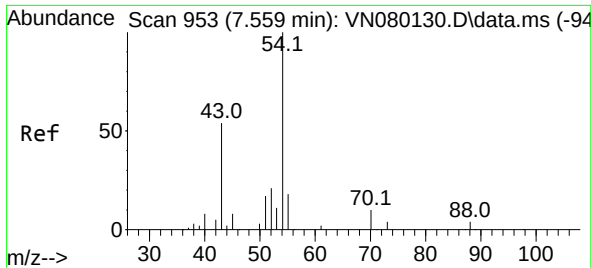


#36
1,1-Dichloropropene
Concen: 48.323 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



Tgt Ion: 75 Resp: 150707
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 29.9 25.0 37.4





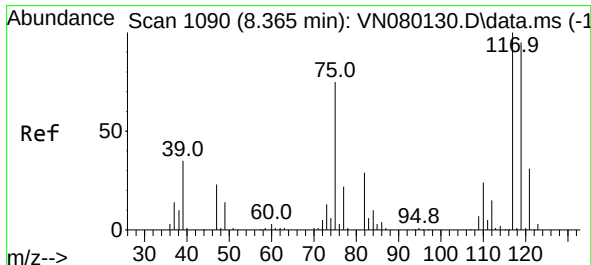
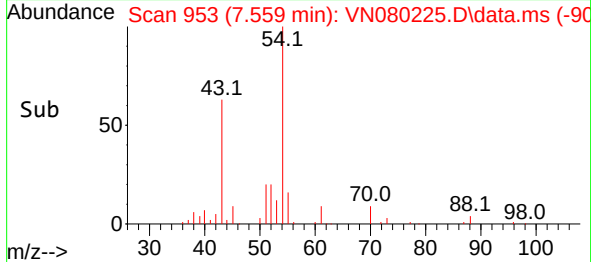
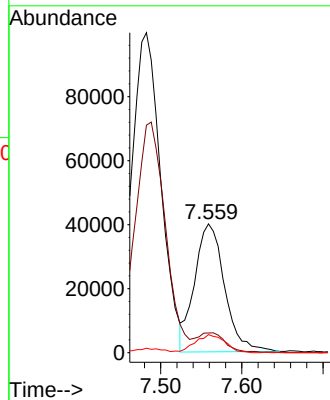
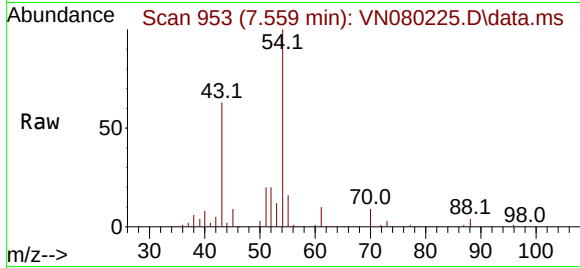
#37
Ethyl Acetate
Concen: 47.449 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 10264
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 13.8 11.3 16.9

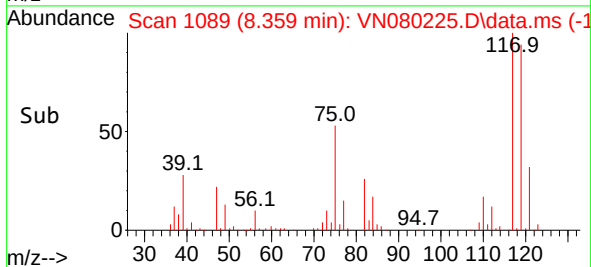
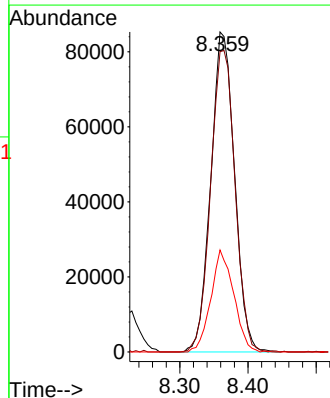
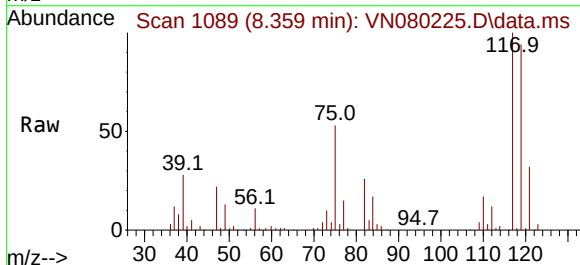
Manual Integrations
APPROVED

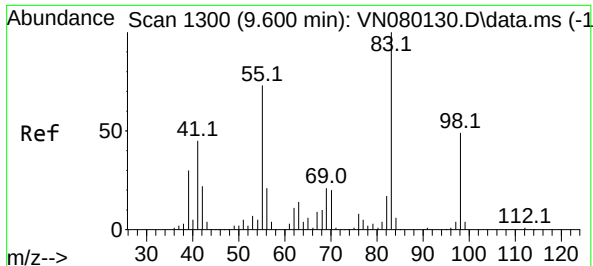
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 52.274 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:117 Resp: 206882
Ion Ratio Lower Upper
117 100
119 93.8 77.3 115.9
121 31.9 23.3 34.9





#39

Methylcyclohexane

Concen: 45.342 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 136340

Ion Ratio Lower Upper

83 100

55 74.7 49.1 73.7

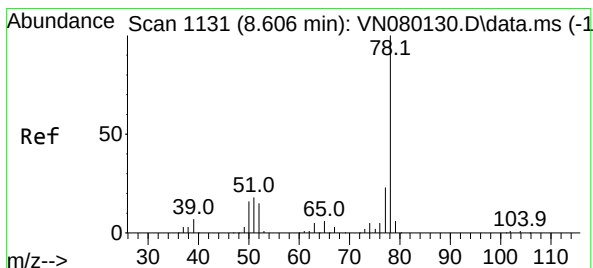
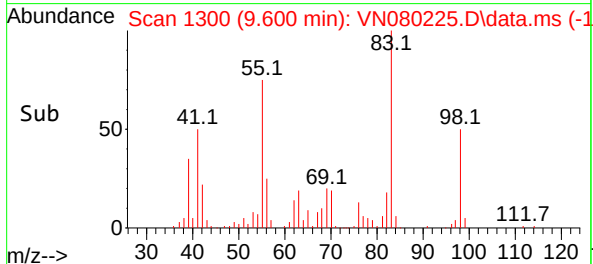
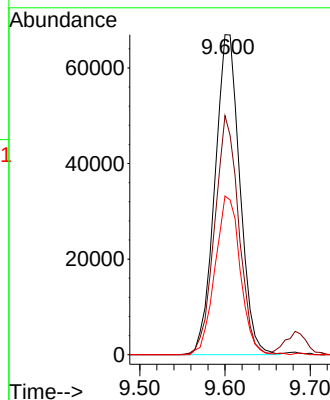
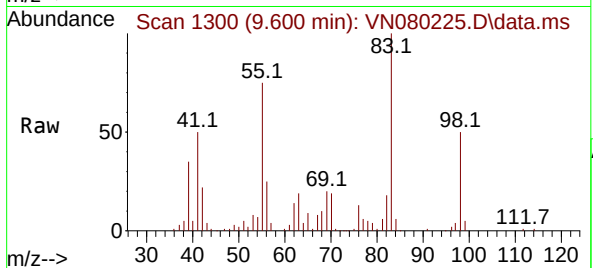
98 49.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#40

Benzene

Concen: 49.341 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080225.D

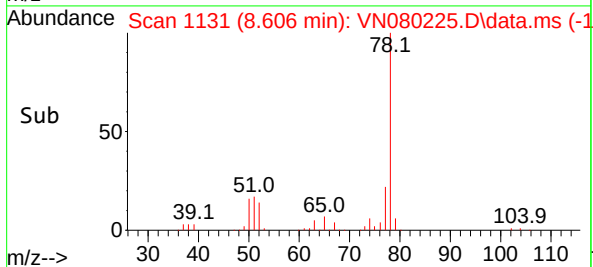
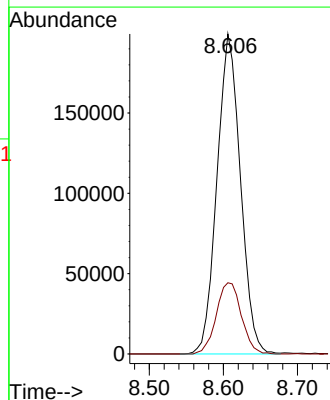
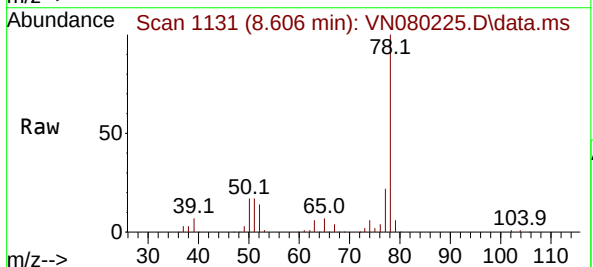
Acq: 21 Nov 2023 12:10

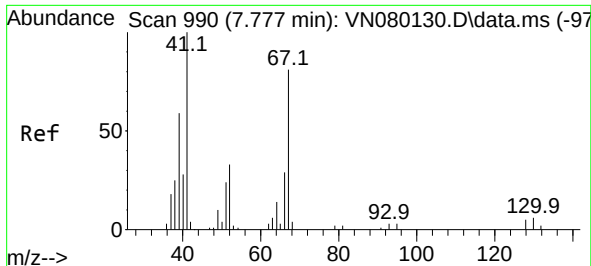
Tgt Ion: 78 Resp: 437345

Ion Ratio Lower Upper

78 100

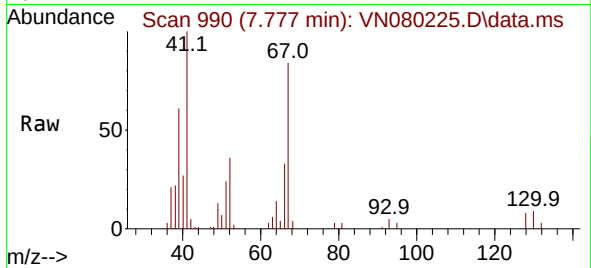
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 48.968 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

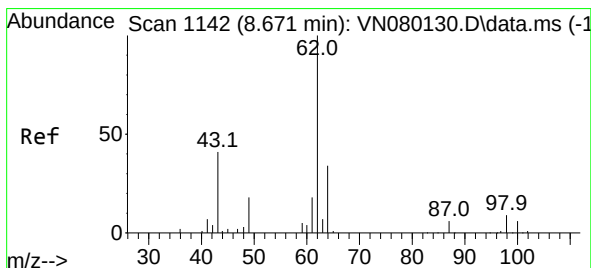
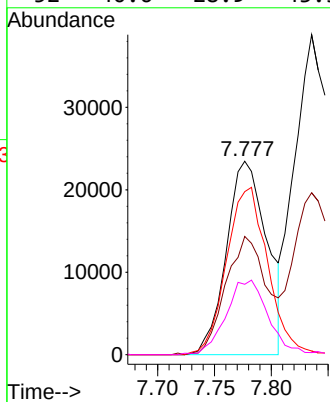
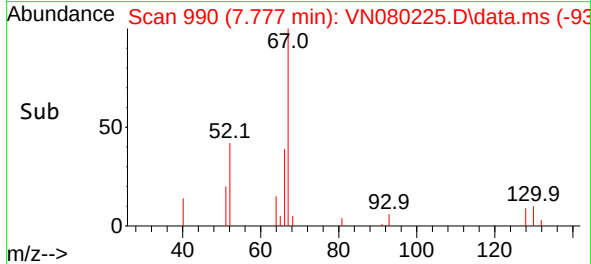
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5817
Ion Ratio Lower Upper
41 100
39 62.1 42.6 64.0
67 88.1 77.5 116.3
52 40.6 28.9 43.3

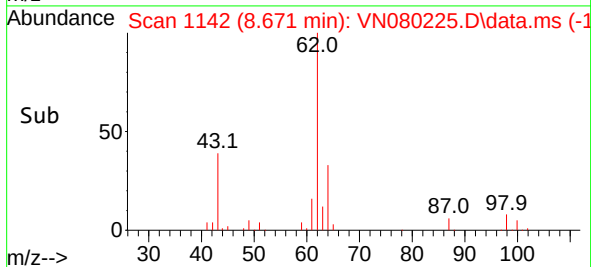
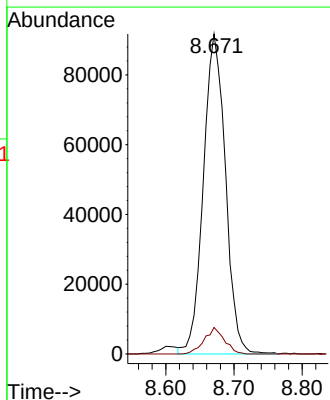
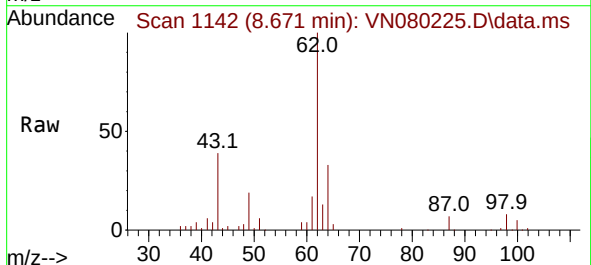
Manual Integrations
APPROVED

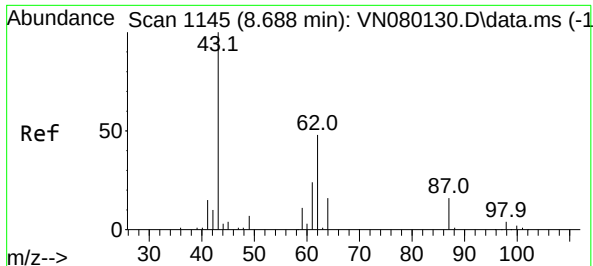
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 57.088 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

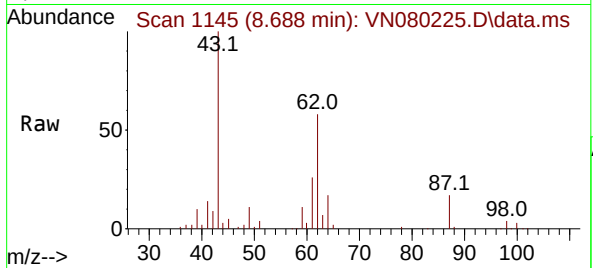
Tgt Ion: 62 Resp: 207021
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 43.960 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

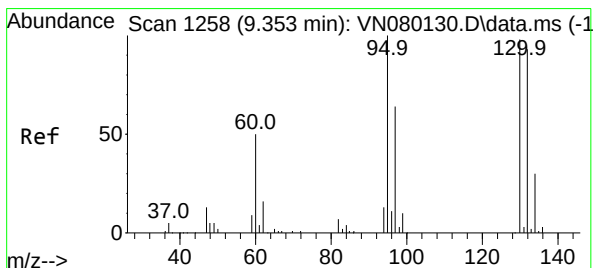
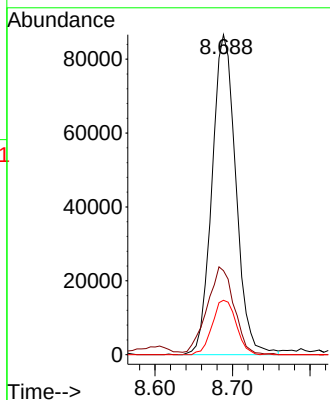
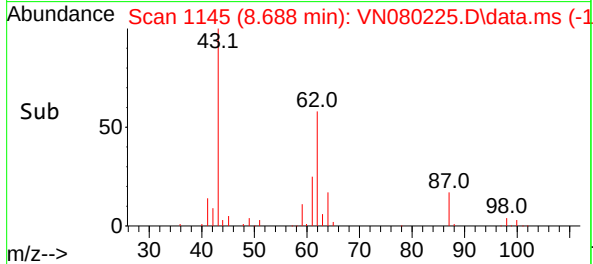
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



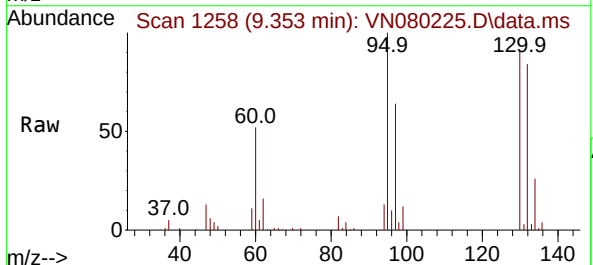
Tgt Ion: 43 Resp: 185054
Ion Ratio Lower Upper
43 100
61 31.3 24.7 37.1
87 17.1 14.6 21.8

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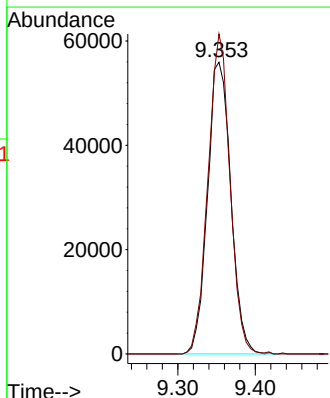
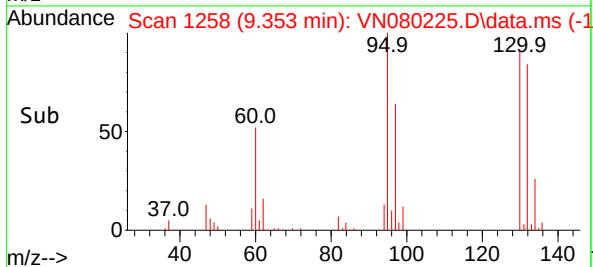
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

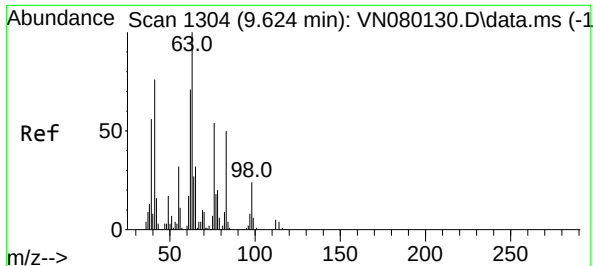


#44
Trichloroethene
Concen: 50.280 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



Tgt Ion:130 Resp: 116905
Ion Ratio Lower Upper
130 100
95 109.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.870 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080225.D

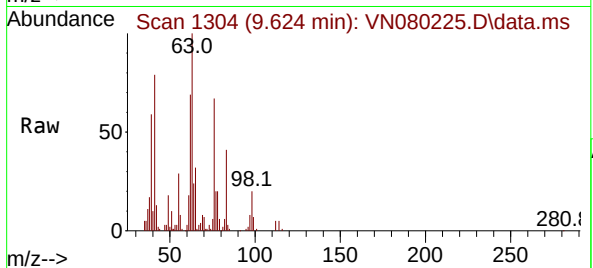
Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 104784

Ion Ratio Lower Upper

63 100

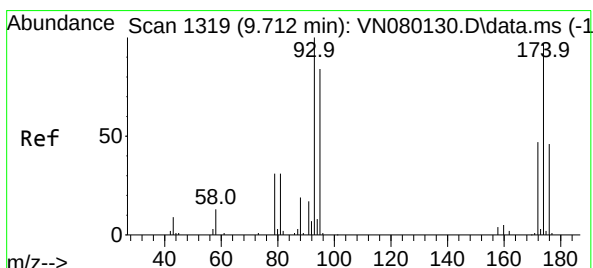
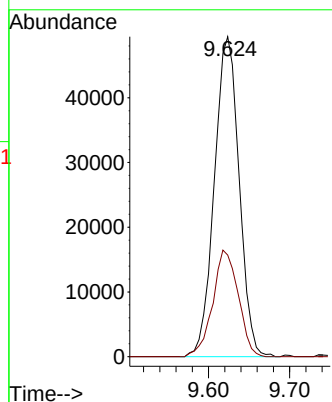
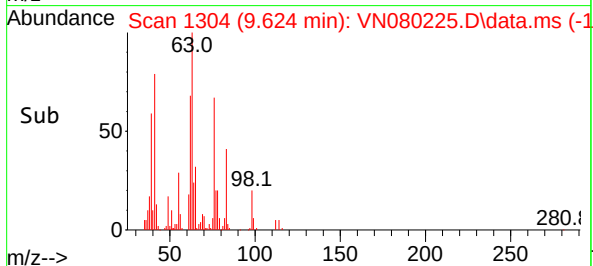
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#46

Dibromomethane

Concen: 54.280 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

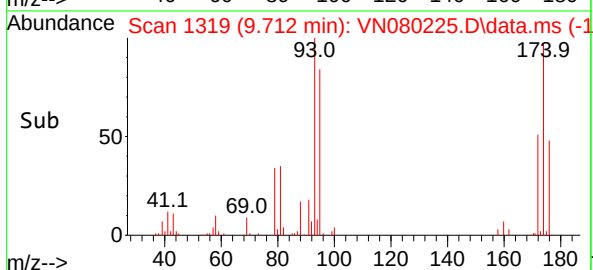
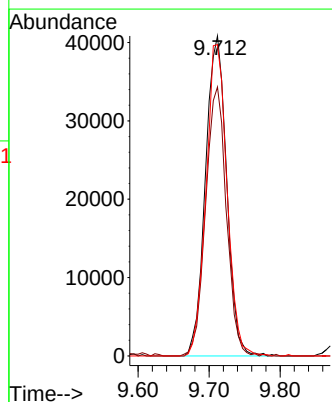
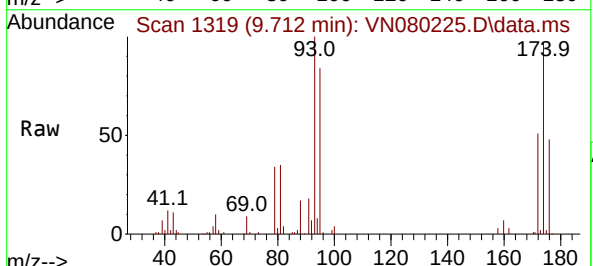
Tgt Ion: 93 Resp: 84636

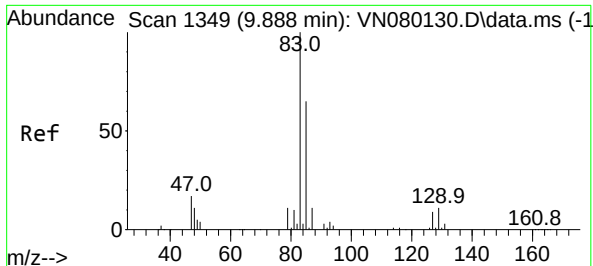
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

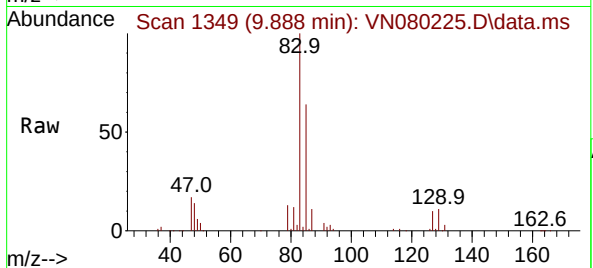
174 96.9 65.6 98.4





#47
Bromodichloromethane
Concen: 56.858 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

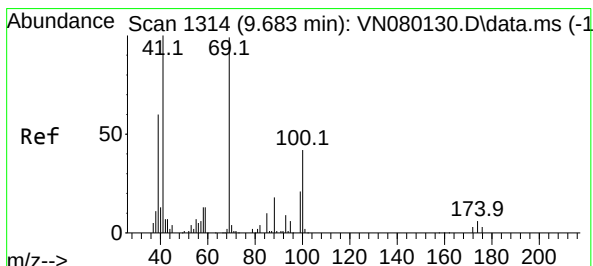
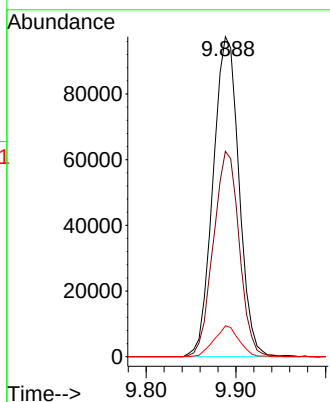
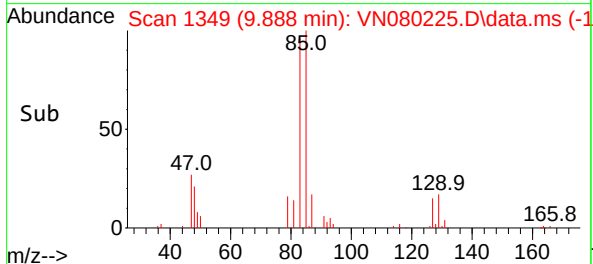
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



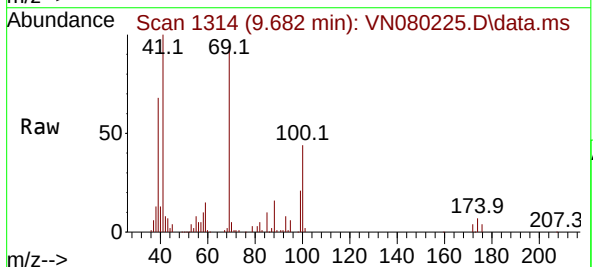
Tgt Ion: 83 Resp: 195019
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 9.7 7.0 10.6

Manual Integrations
APPROVED

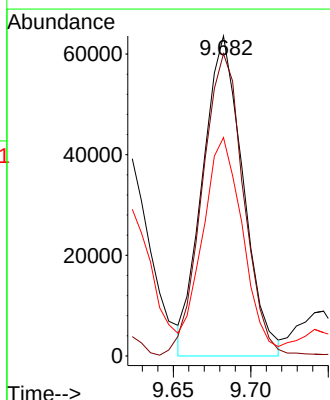
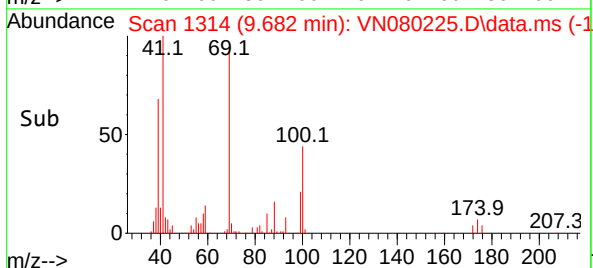
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

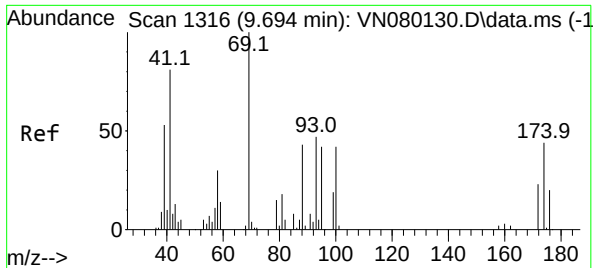


#48
Methyl methacrylate
Concen: 53.070 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



Tgt Ion: 41 Resp: 115129
Ion Ratio Lower Upper
41 100
69 97.3 90.4 135.6
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 942.221 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3400

Ion Ratio Lower Upper

88 100

43 26.9 17.0 25.6

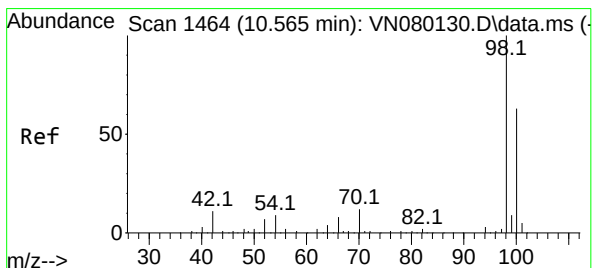
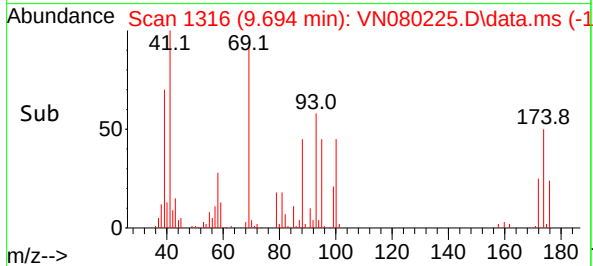
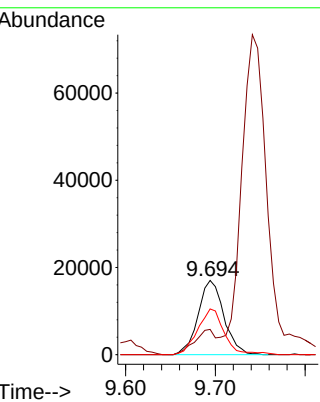
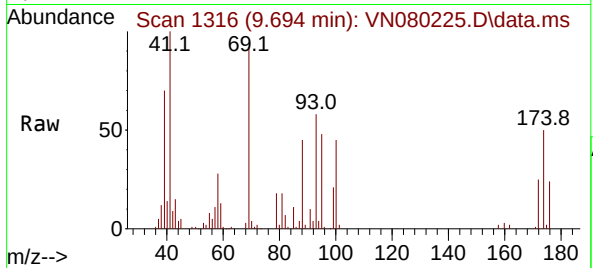
58 63.5 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#50

Toluene-d8

Concen: 50.397 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080225.D

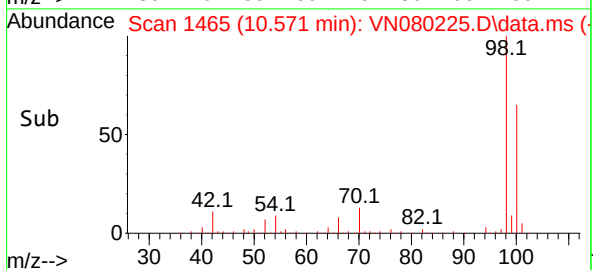
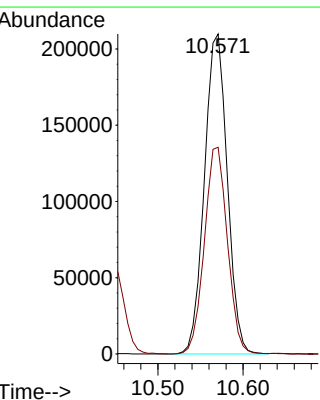
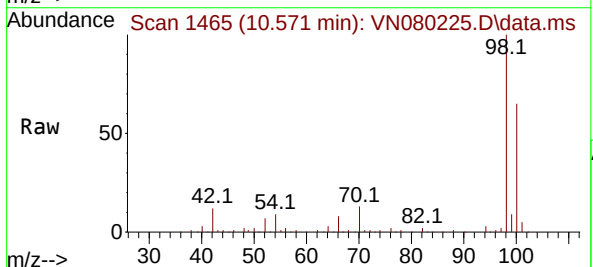
Acq: 21 Nov 2023 12:10

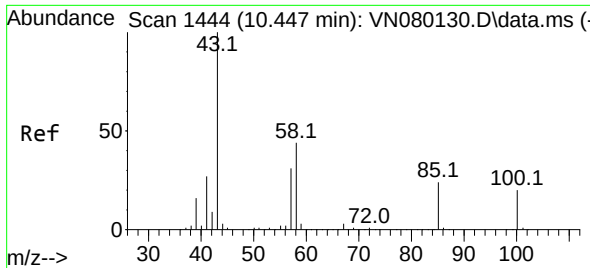
Tgt Ion: 98 Resp: 391334

Ion Ratio Lower Upper

98 100

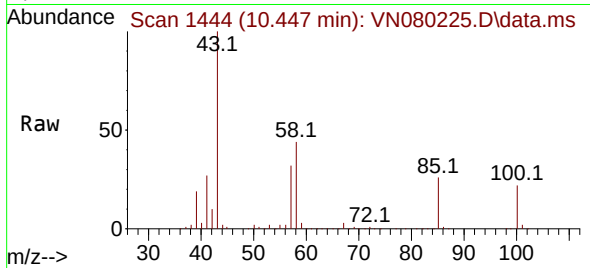
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 241.733 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

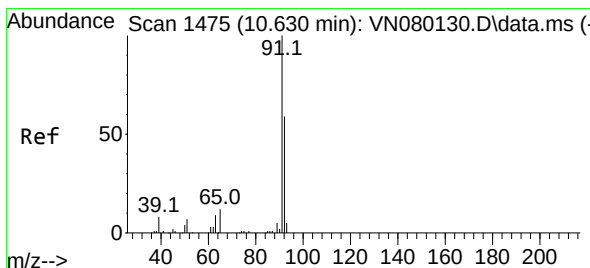
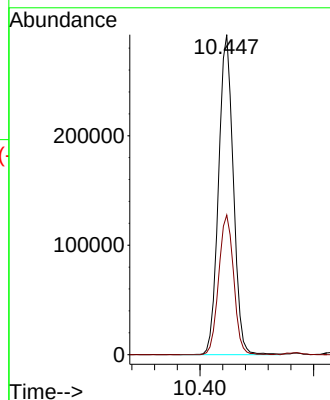
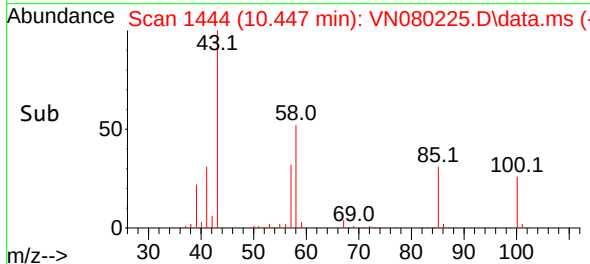
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 526838
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8

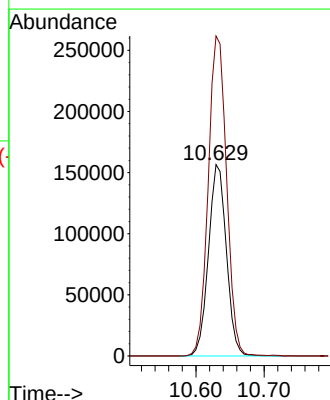
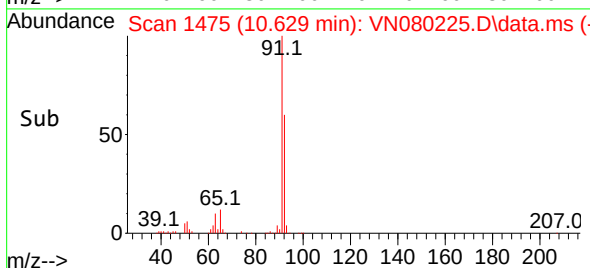
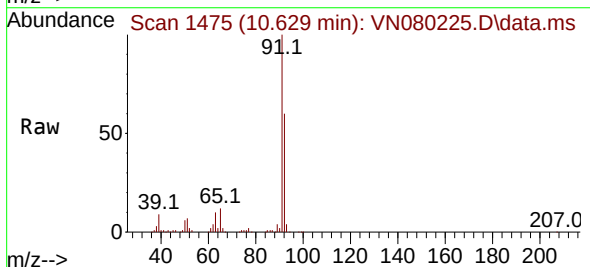
Manual Integrations
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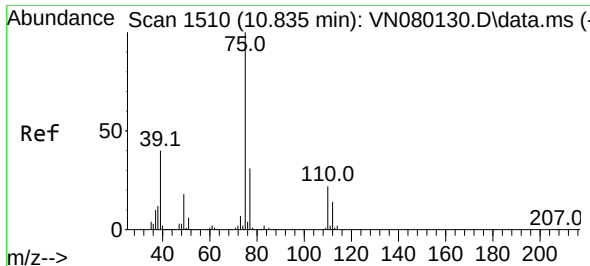
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 51.500 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 92 Resp: 285677
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





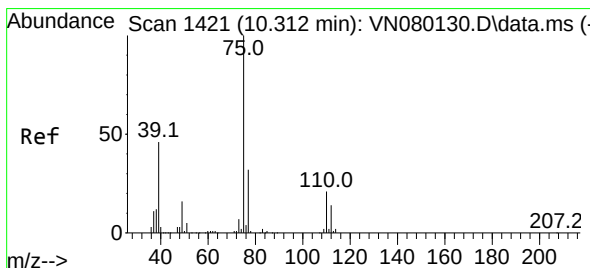
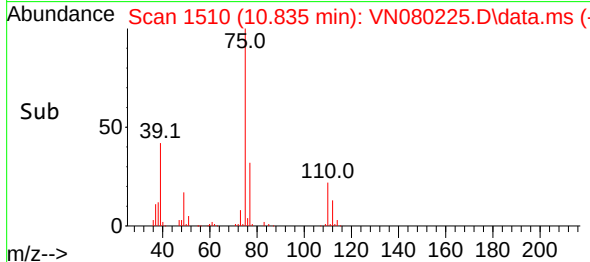
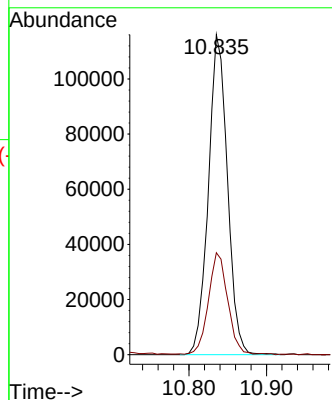
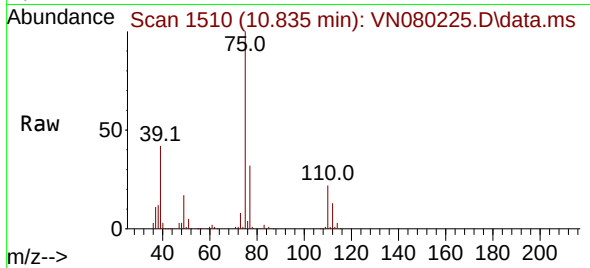
#53
t-1,3-Dichloropropene
Concen: 56.162 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 197914
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

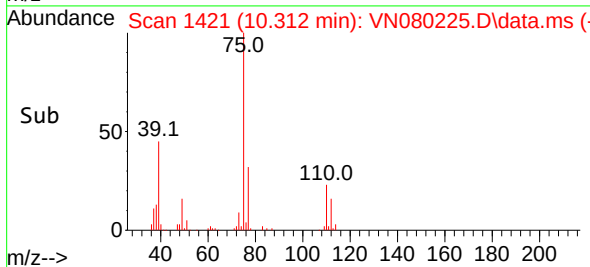
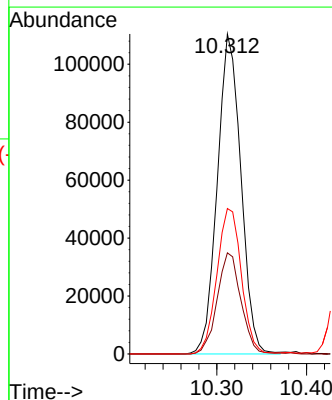
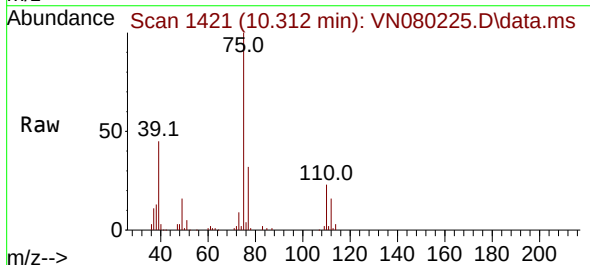
Manual Integrations
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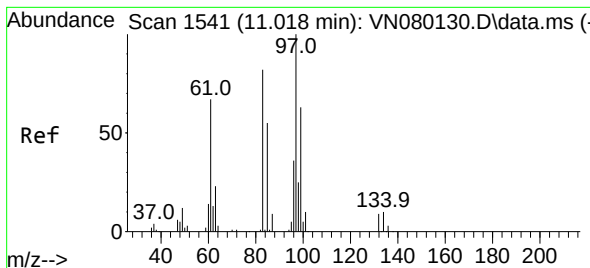
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#54
cis-1,3-Dichloropropene
Concen: 55.962 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

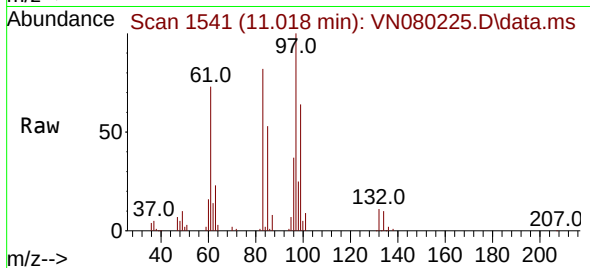
Tgt Ion: 75 Resp: 201480
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.652 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

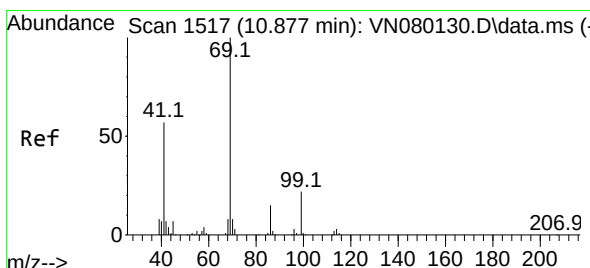
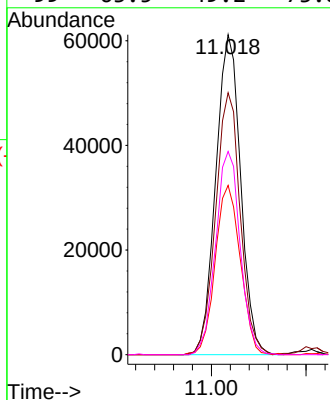
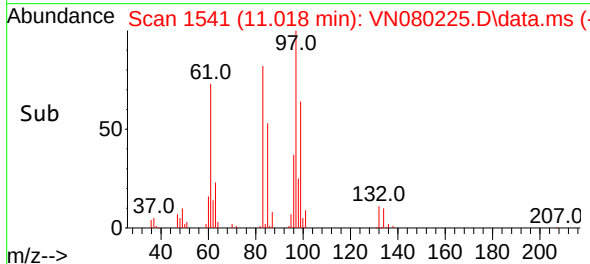
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



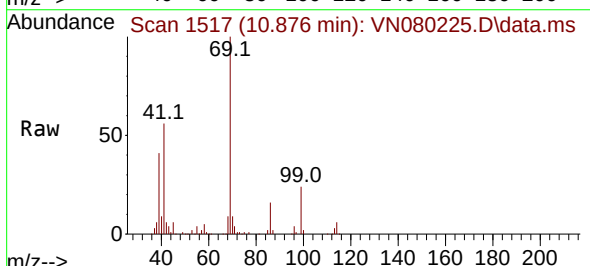
Tgt Ion: 97 Resp: 111474
Ion Ratio Lower Upper
97 100
83 81.8 65.1 97.7
85 52.9 43.4 65.2
99 63.5 49.2 73.8

Manual Integrations
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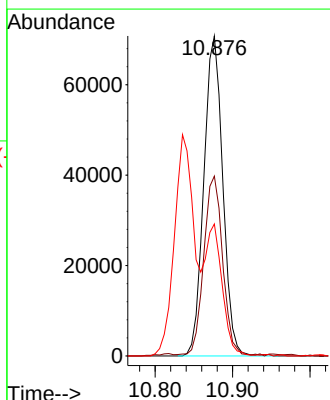
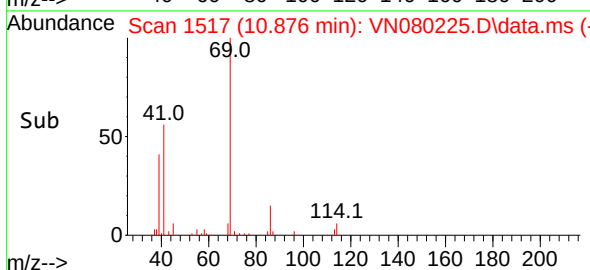
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

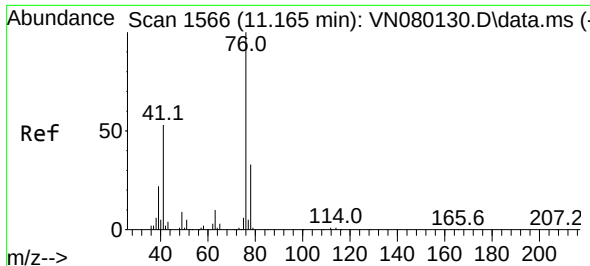


#56
Ethyl methacrylate
Concen: 55.556 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



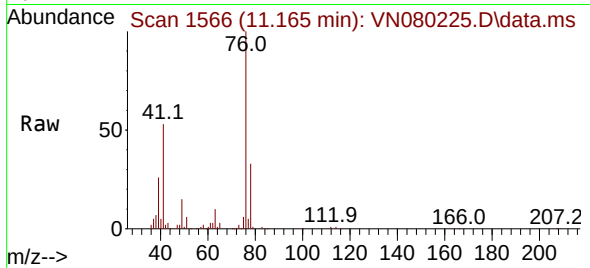
Tgt Ion: 69 Resp: 120161
Ion Ratio Lower Upper
69 100
41 55.3 39.6 59.4
39 36.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.225 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

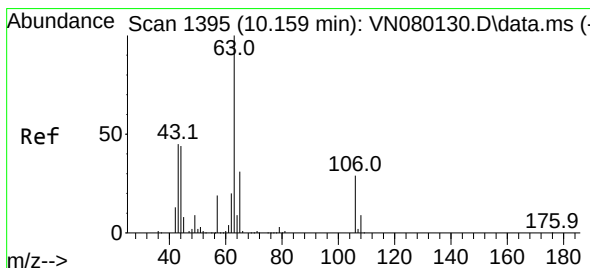
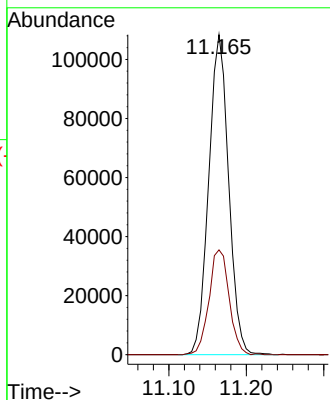
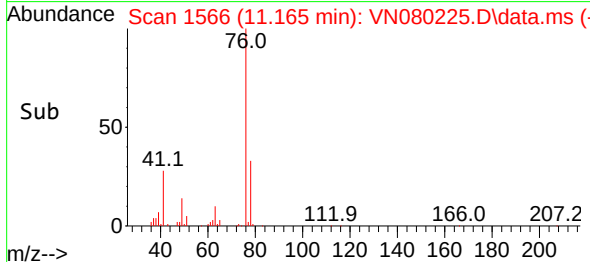
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 193048
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

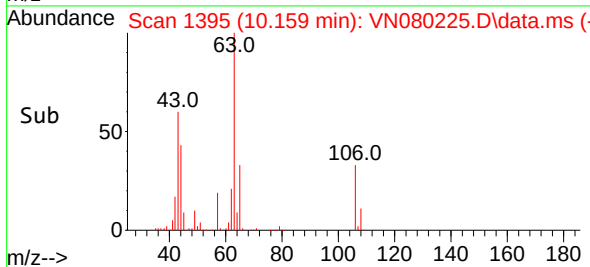
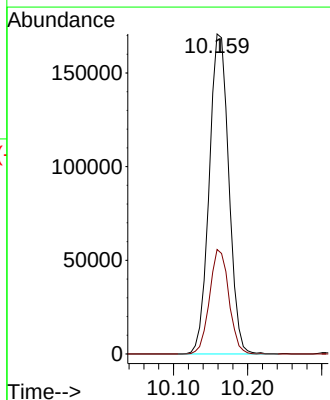
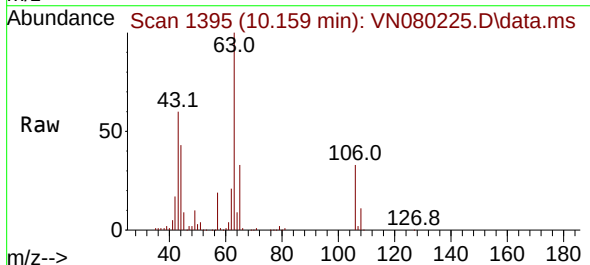
Manual Integrations
APPROVED

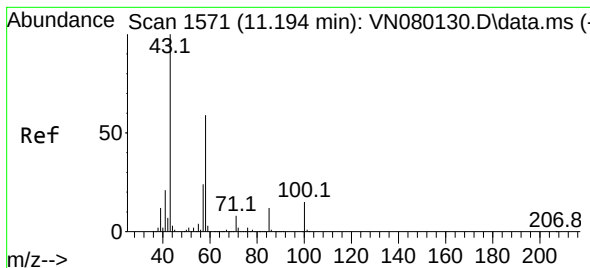
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 256.988 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

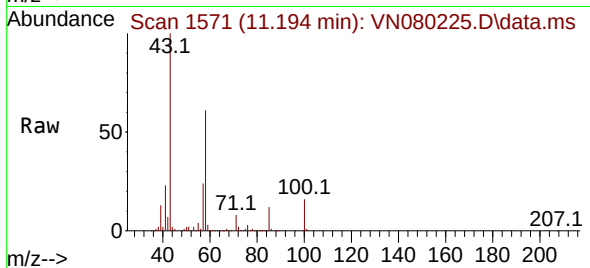
Tgt Ion: 63 Resp: 313139
Ion Ratio Lower Upper
63 100
106 32.2 26.2 39.4





#59
2-Hexanone
Concen: 226.488 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

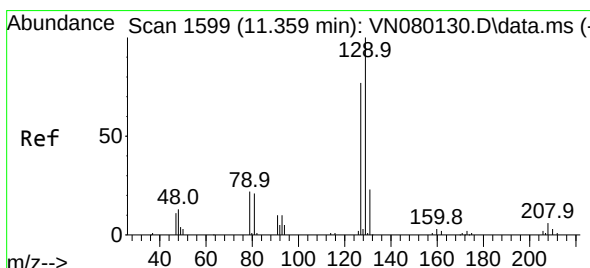
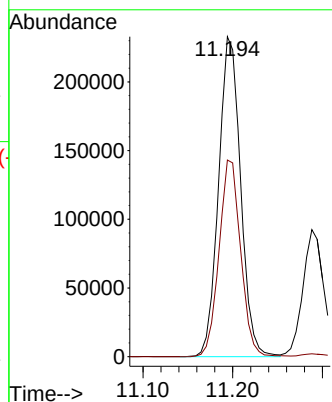
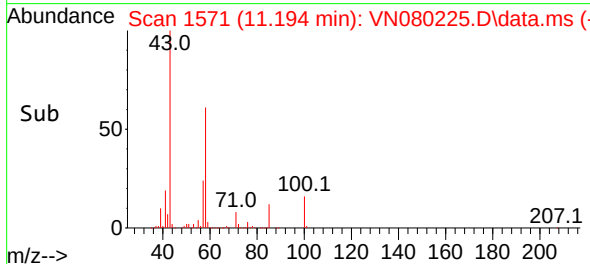
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 39664
Ion Ratio Lower Upper
43 100
58 60.4 31.7 95.1

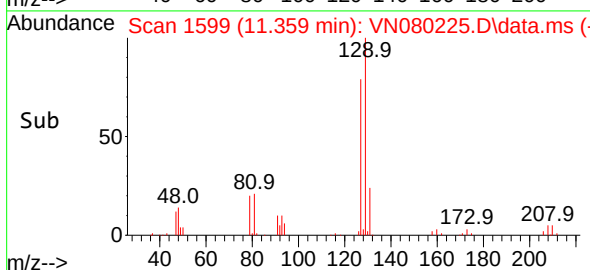
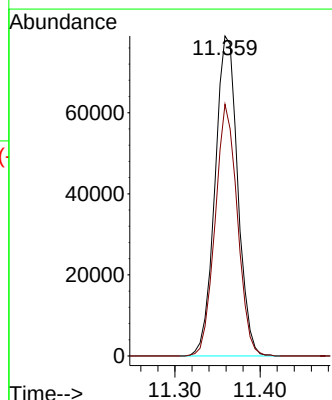
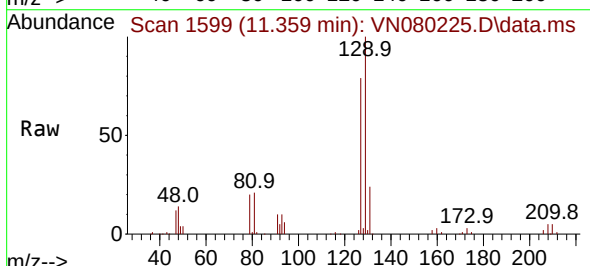
Manual Integrations
APPROVED

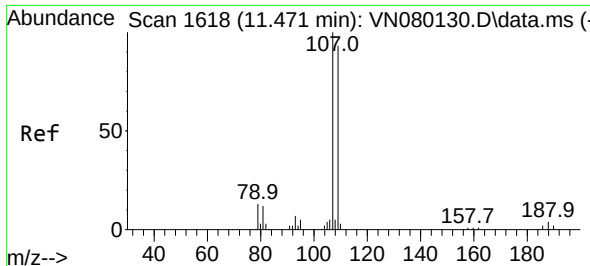
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 57.629 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:129 Resp: 146072
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





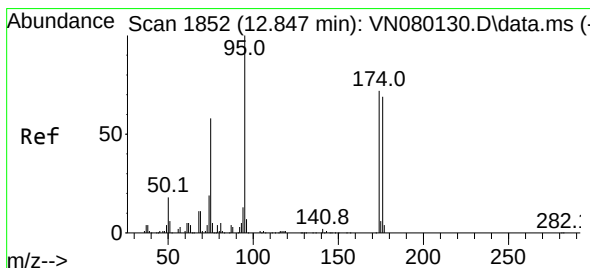
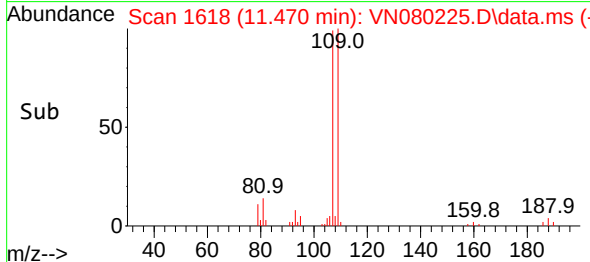
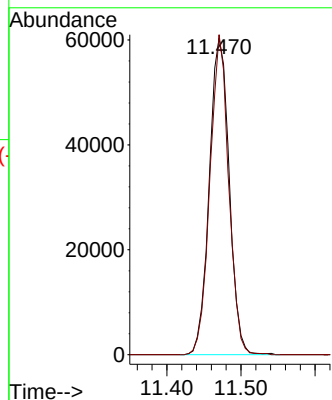
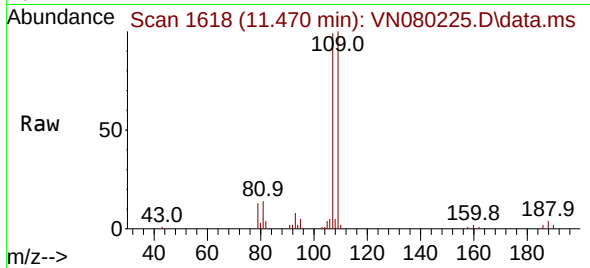
#61
1,2-Dibromoethane
Concen: 52.117 ug/l
RT: 11.470 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 112560
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

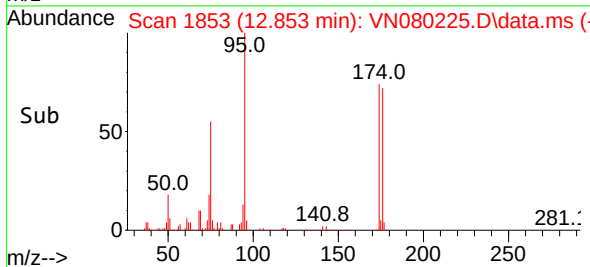
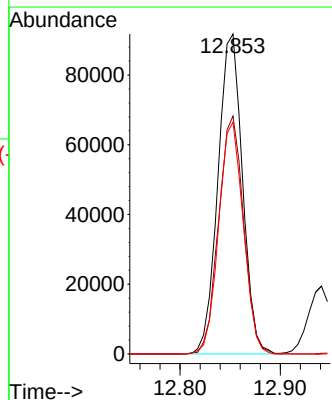
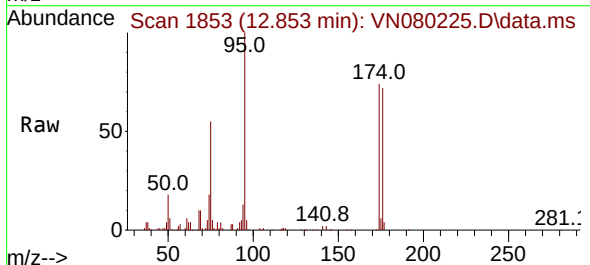
Manual Integrations
APPROVED

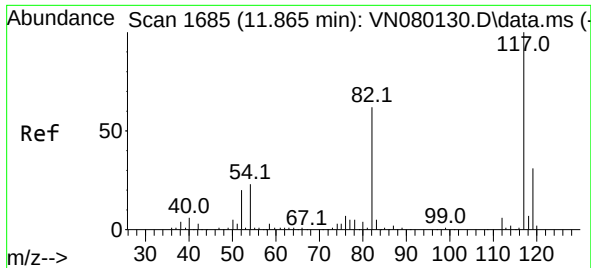
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#62
4-Bromofluorobenzene
Concen: 53.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

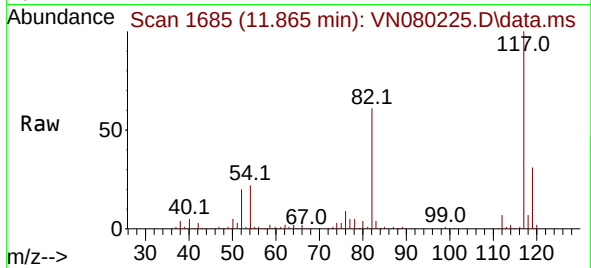
Tgt Ion: 95 Resp: 155780
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

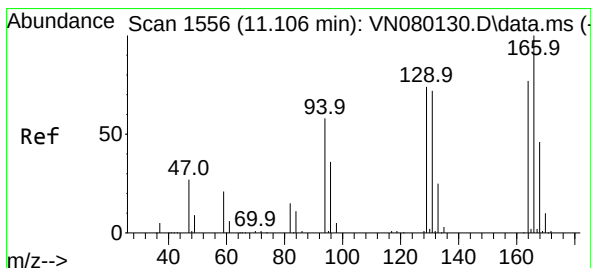
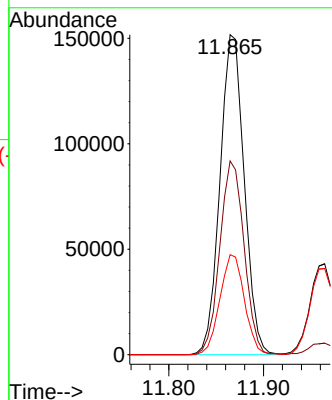
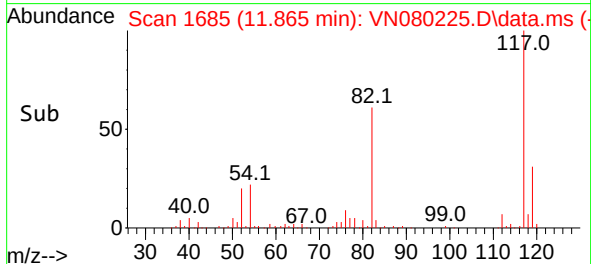
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 270289
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 31.3 25.6 38.4

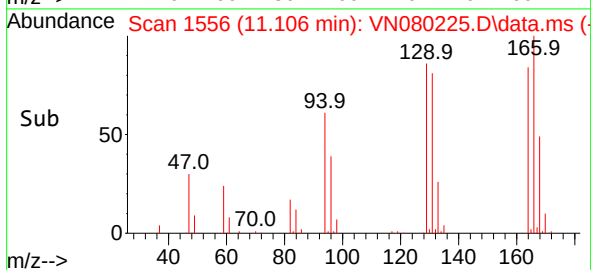
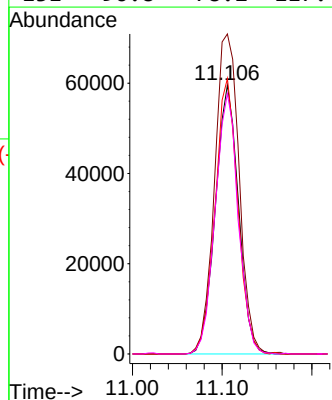
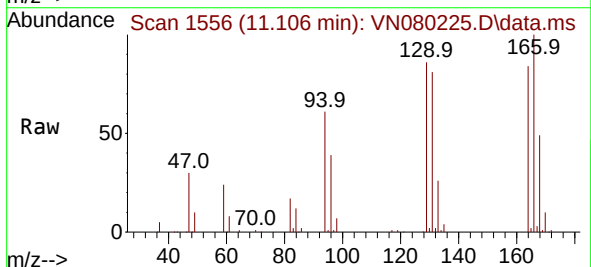
Manual Integrations
APPROVED

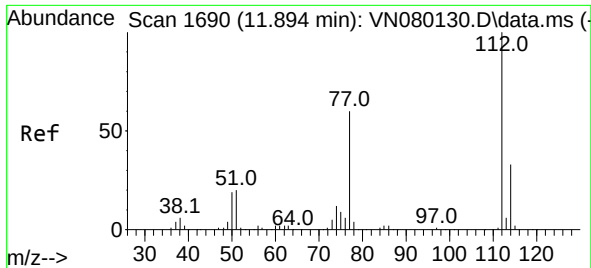
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 51.568 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:164 Resp: 106372
Ion Ratio Lower Upper
164 100
166 119.0 101.4 152.0
129 102.5 82.4 123.6
131 96.8 78.2 117.4





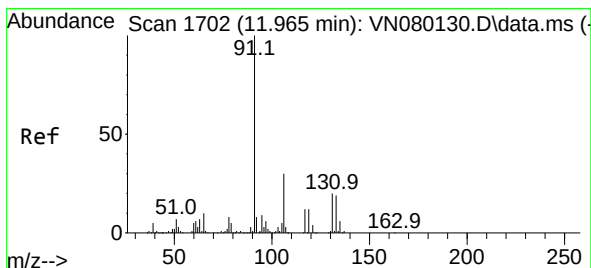
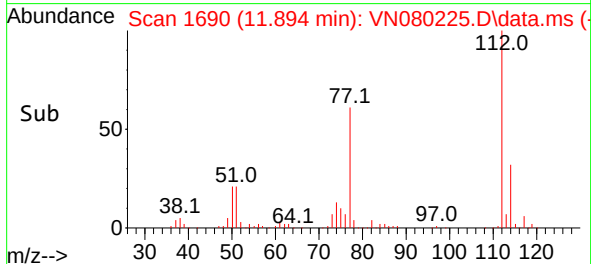
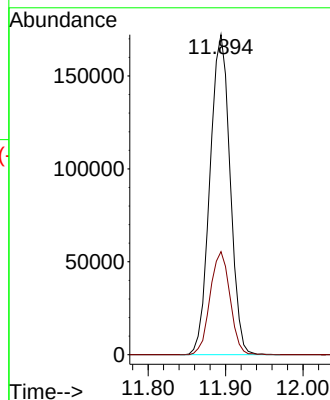
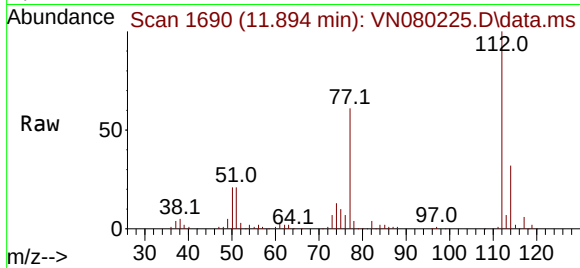
#65
Chlorobenzene
Concen: 50.678 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 31038
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

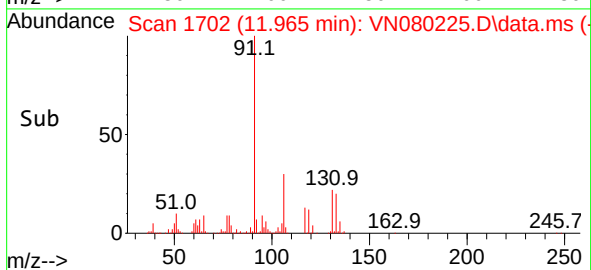
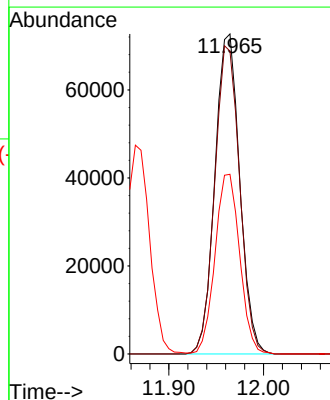
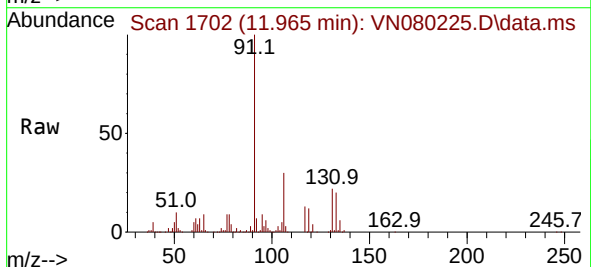
Manual Integrations
APPROVED

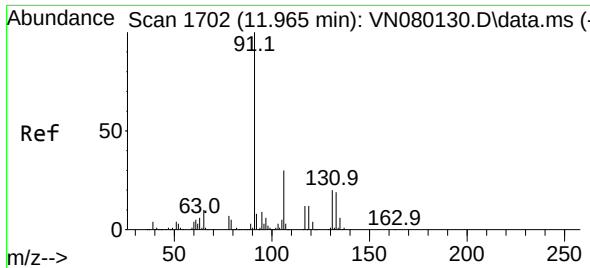
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.844 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:131 Resp: 132725
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 55.8 34.1 102.2





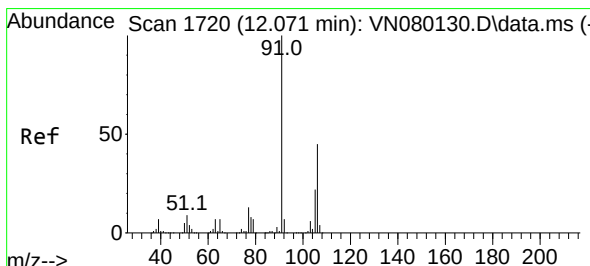
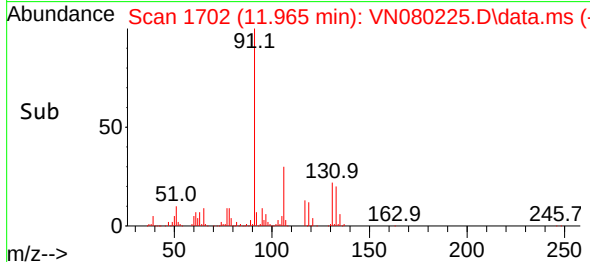
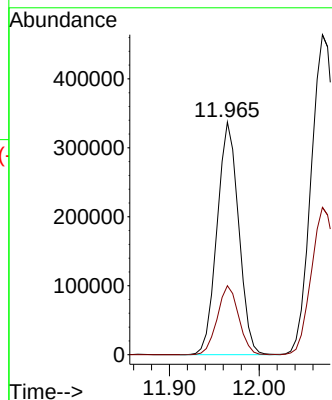
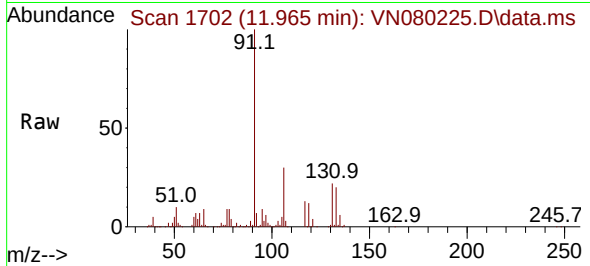
#67
Ethyl Benzene
Concen: 51.683 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 56325
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

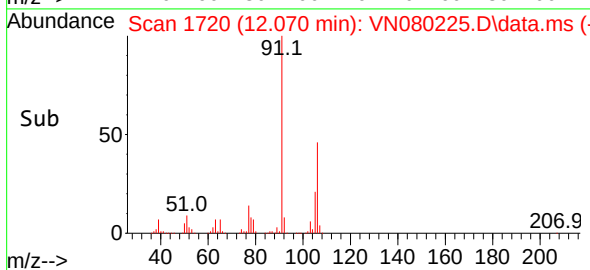
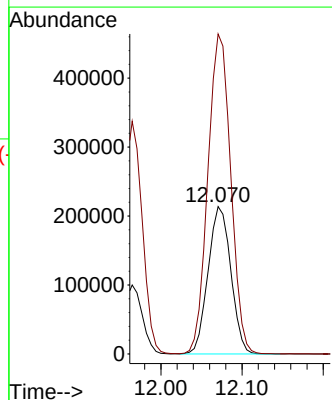
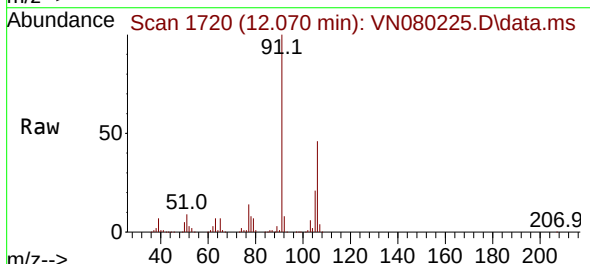
Manual Integrations
APPROVED

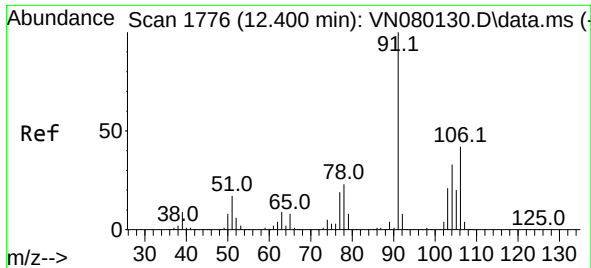
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#68
m/p-Xylenes
Concen: 104.838 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:106 Resp: 416583
Ion Ratio Lower Upper
106 100
91 218.1 159.6 239.4





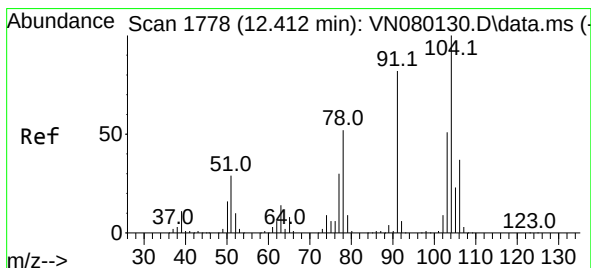
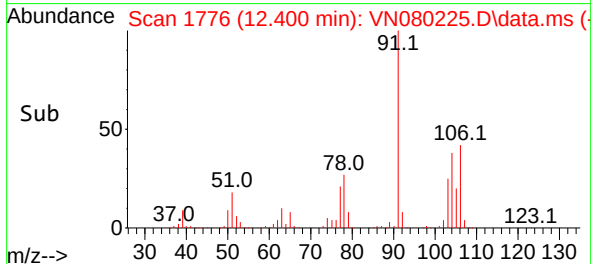
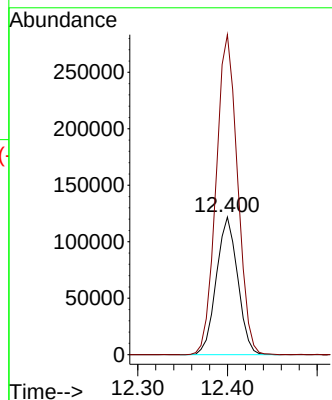
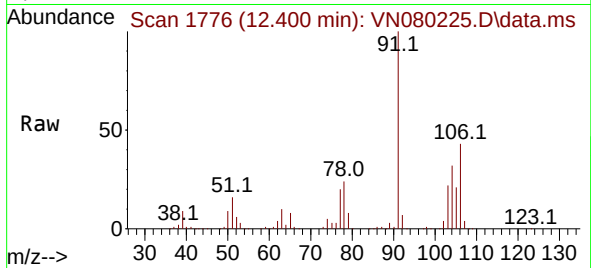
#69
o-Xylene
Concen: 53.833 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201593
Ion Ratio Lower Upper
106 100
91 233.7 105.2 315.5

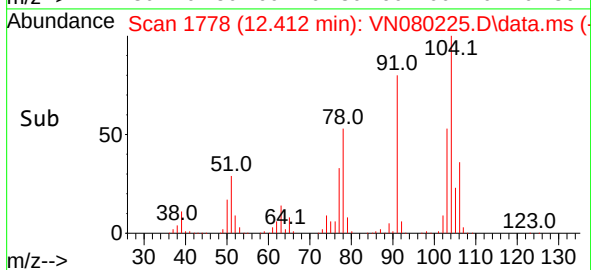
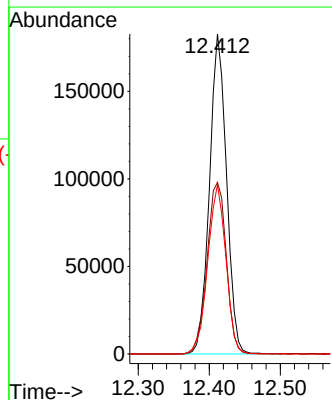
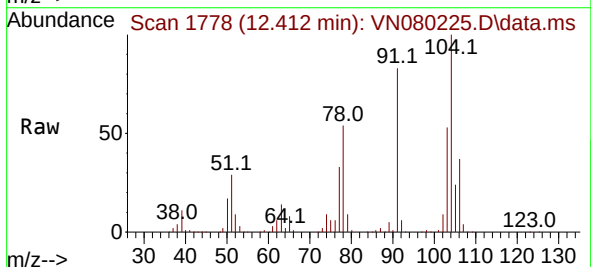
Manual Integrations
APPROVED

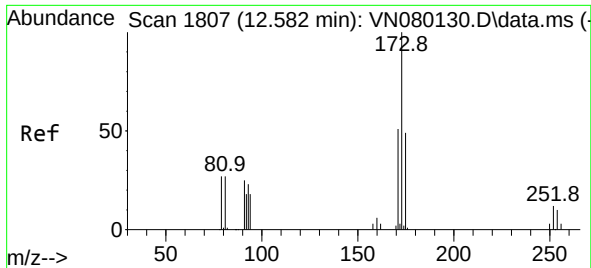
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 54.668 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

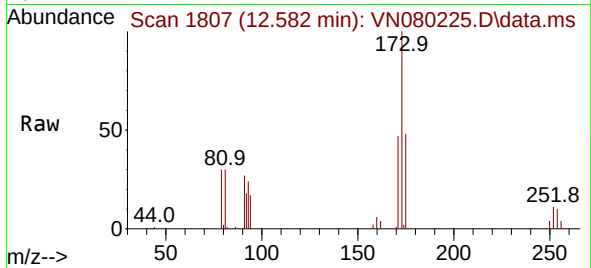
Tgt Ion:104 Resp: 304708
Ion Ratio Lower Upper
104 100
78 60.6 39.5 59.3#
103 56.3 43.2 64.8





#71
Bromoform
Concen: 55.922 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

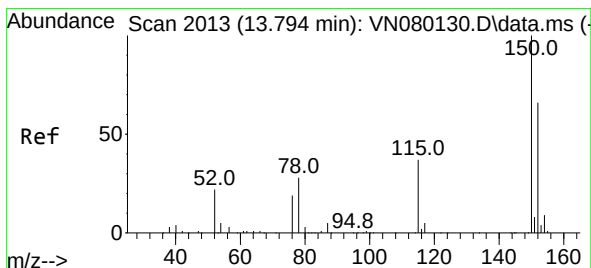
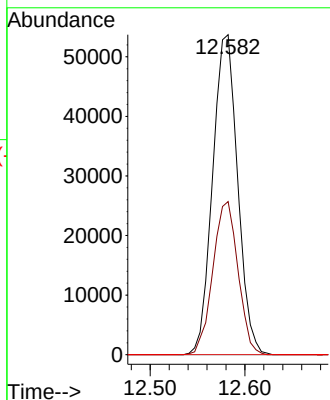
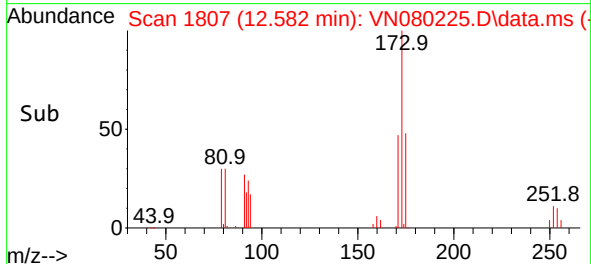
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 9856
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

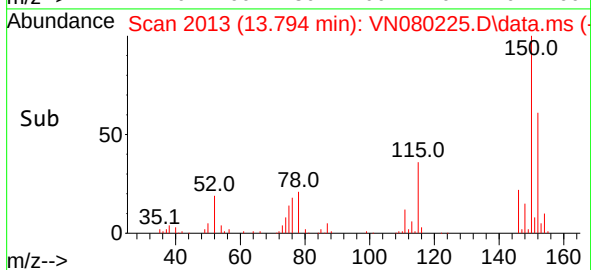
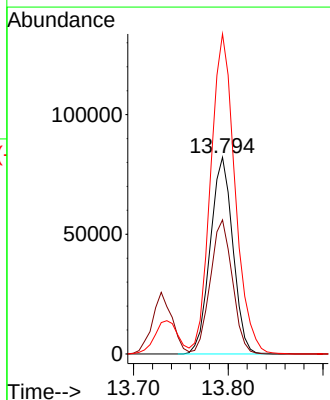
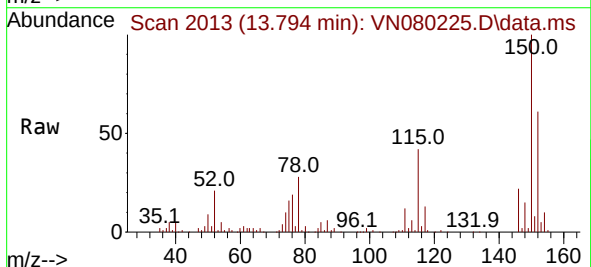
Manual Integrations
APPROVED

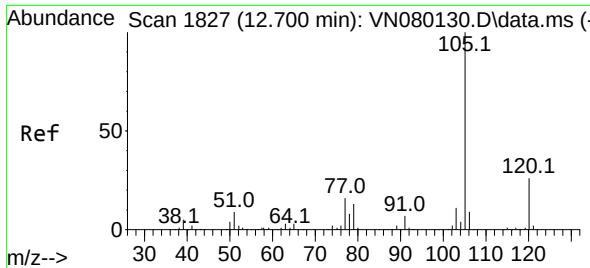
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:152 Resp: 135860
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 175.8 0.0 355.8





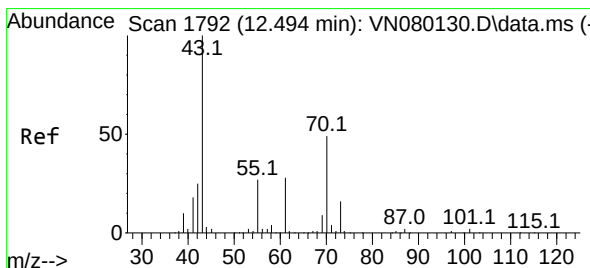
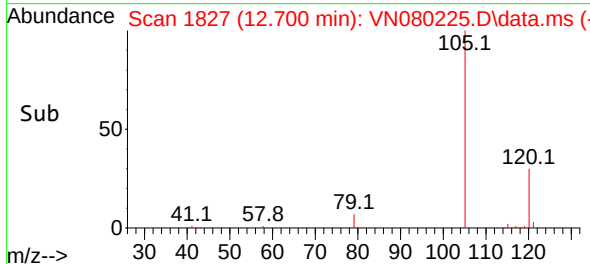
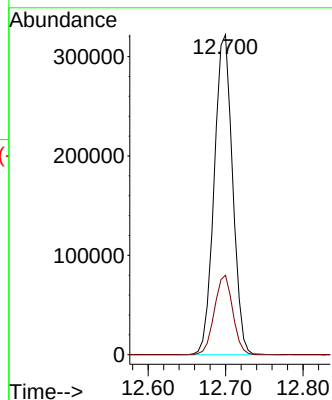
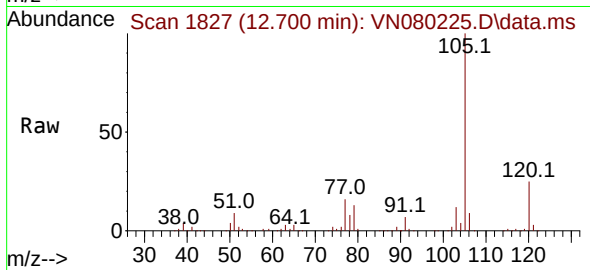
#73
Isopropylbenzene
Concen: 50.179 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 529754
Ion Ratio Lower Upper
105 100
120 24.8 13.1 39.1

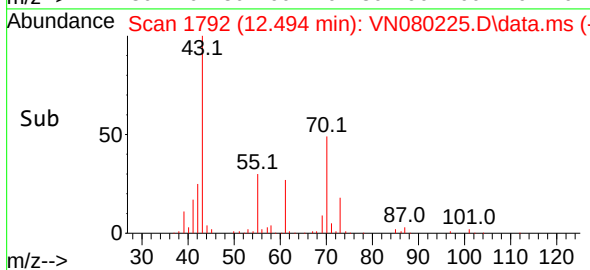
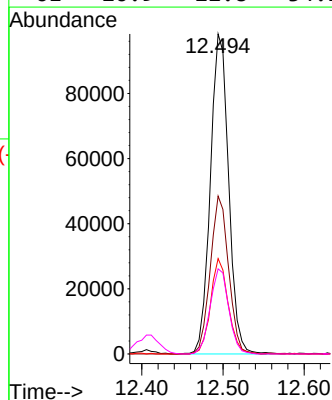
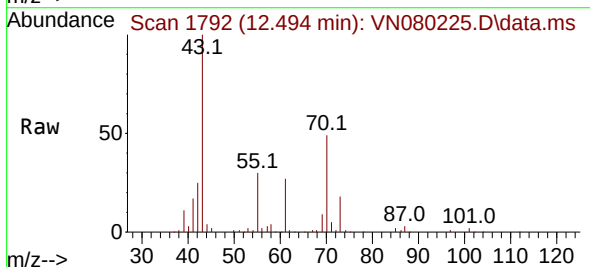
Manual Integrations
APPROVED

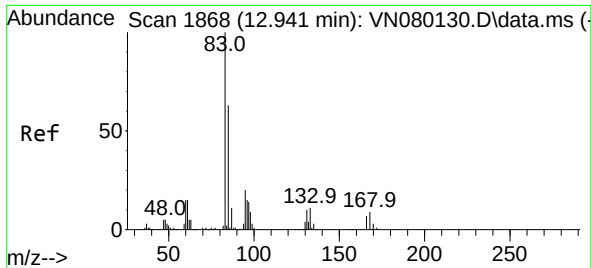
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#74
N-ethyl acetate
Concen: 46.641 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

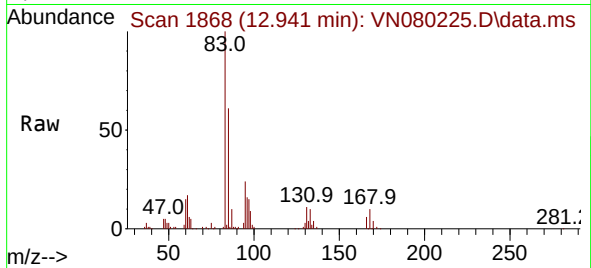
Tgt Ion: 43 Resp: 153556
Ion Ratio Lower Upper
43 100
70 49.3 43.4 65.2
55 28.8 21.4 32.0
61 26.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.883 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

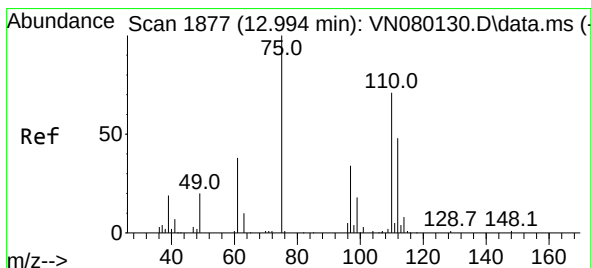
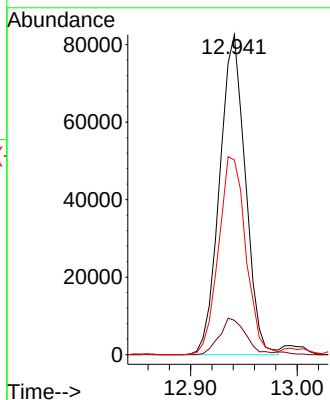
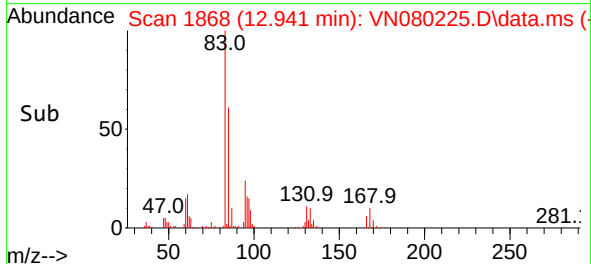
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 138659
Ion Ratio Lower Upper
83 100
131 12.1 5.0 15.0
85 65.5 31.9 95.7

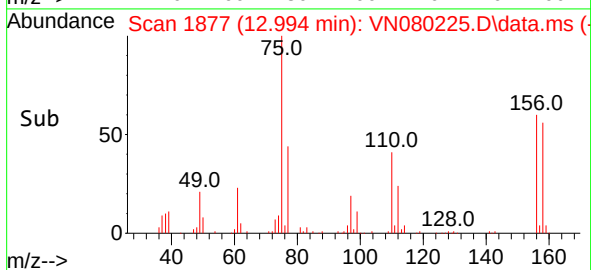
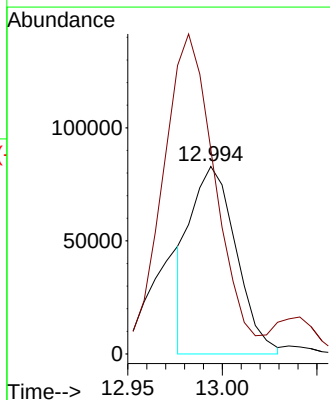
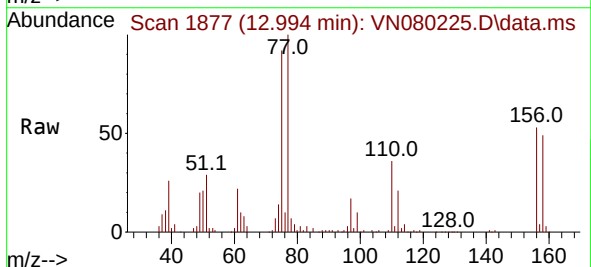
Manual Integrations
APPROVED

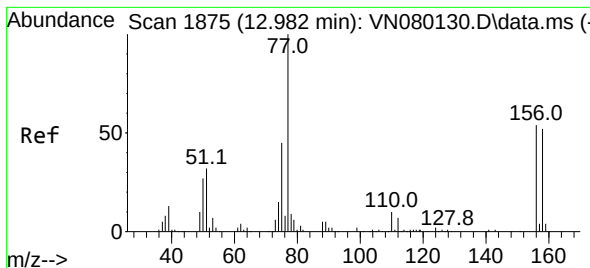
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#76
1,2,3-Trichloropropane
Concen: 41.639 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion: 75 Resp: 138607
Ion Ratio Lower Upper
75 100
77 197.4 84.5 253.5





#77

Bromobenzene

Concen: 51.424 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 136870

Ion Ratio Lower Upper

156 100

77 199.9 107.7 323.3

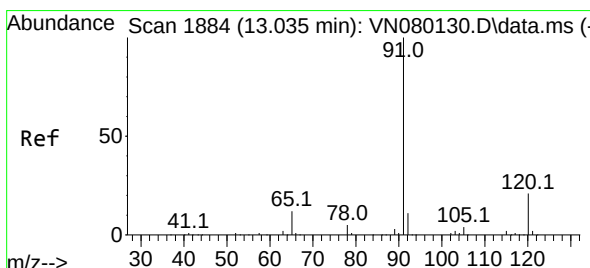
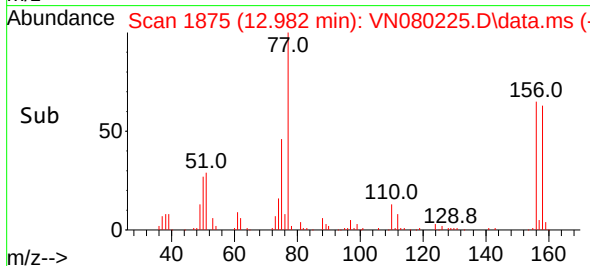
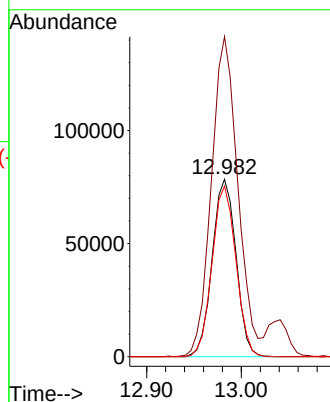
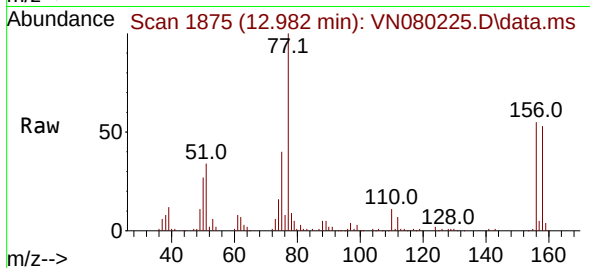
158 96.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#78

n-propylbenzene

Concen: 49.661 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080225.D

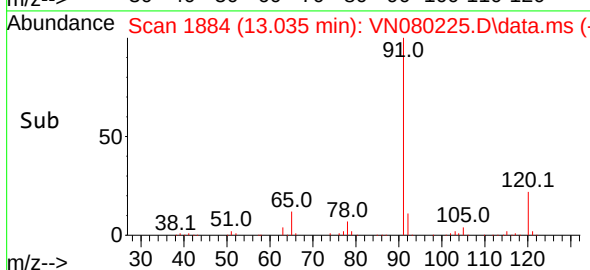
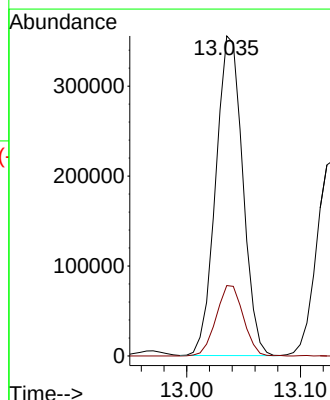
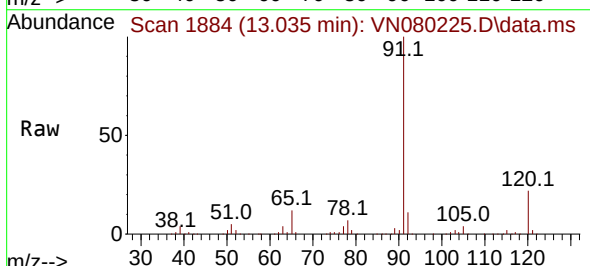
Acq: 21 Nov 2023 12:10

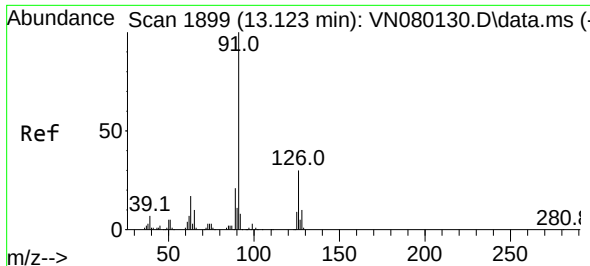
Tgt Ion: 91 Resp: 586281

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





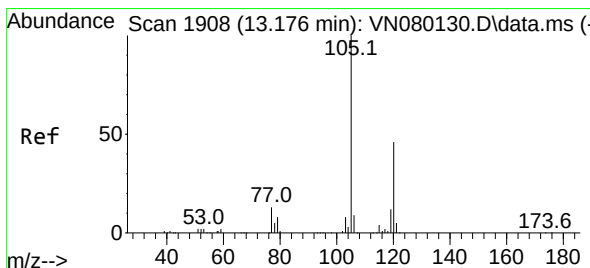
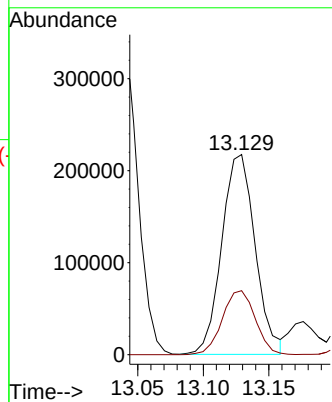
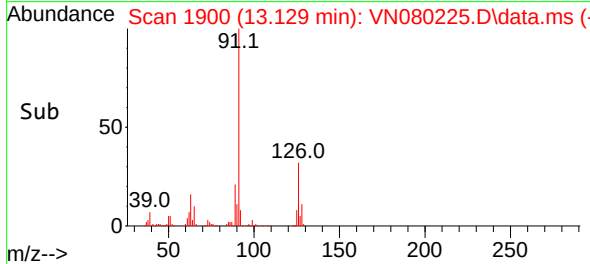
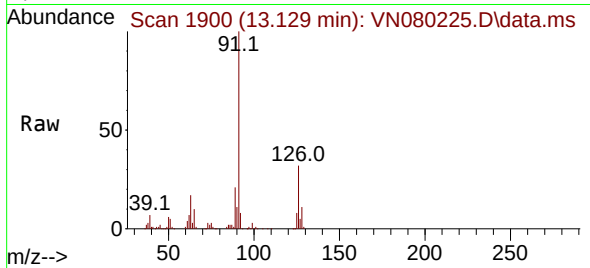
#79
2-Chlorotoluene
Concen: 50.266 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38542
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

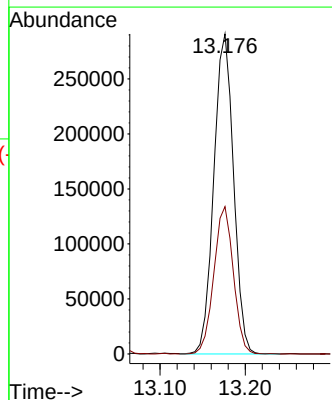
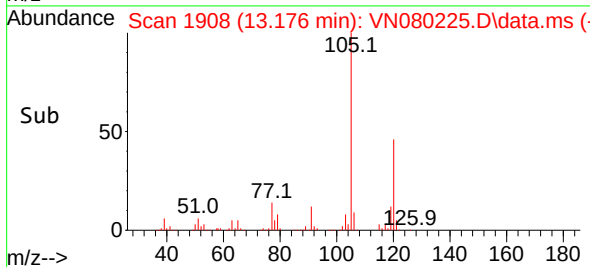
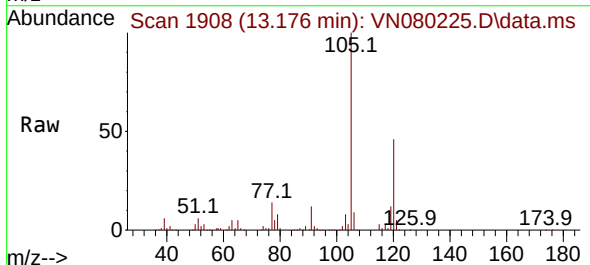
Manual Integrations
APPROVED

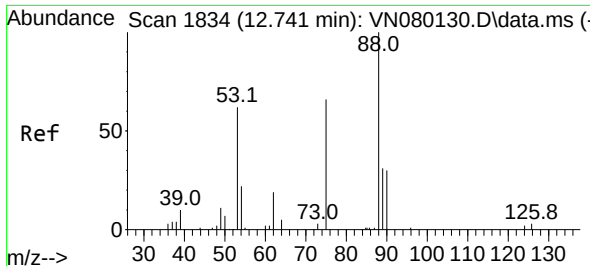
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.034 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

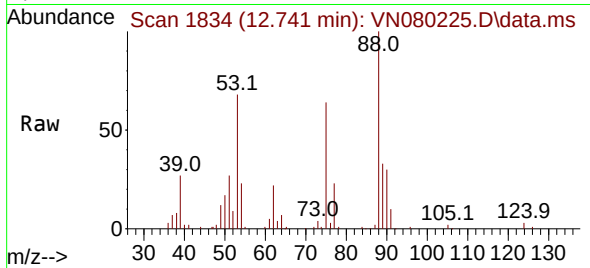
Tgt Ion:105 Resp: 469010
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.683 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

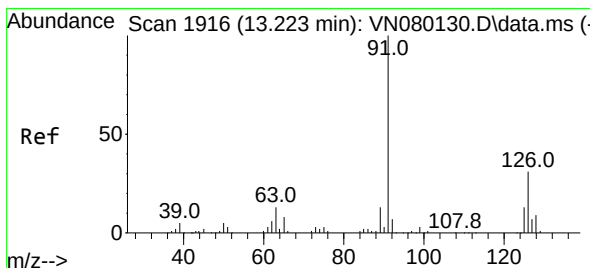
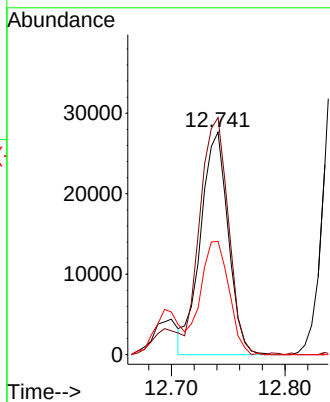
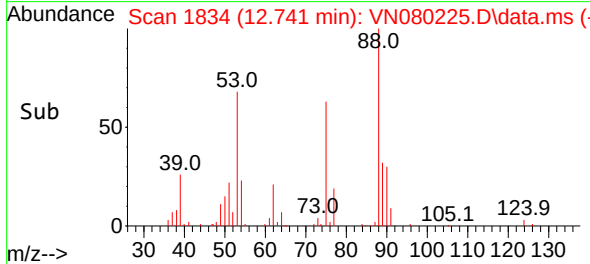
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 46980
Ion Ratio Lower Upper
75 100
53 108.0 67.4 101.2
89 52.3 38.8 58.2

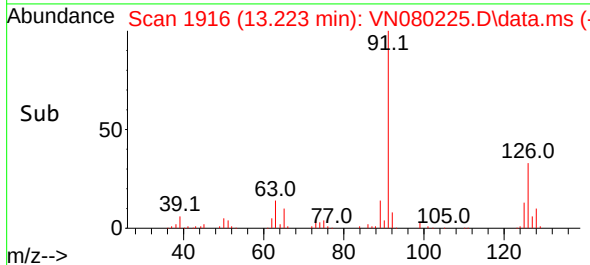
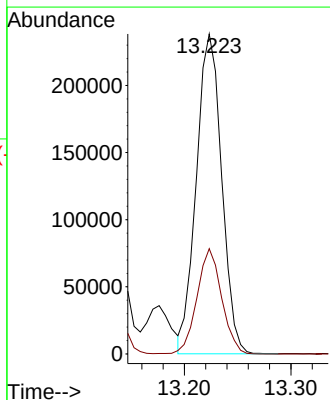
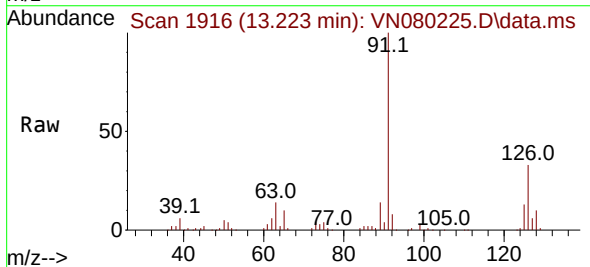
Manual Integrations
APPROVED

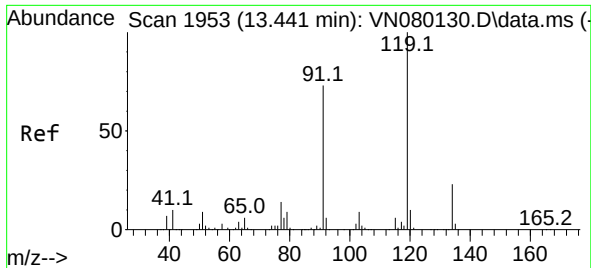
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#82
4-Chlorotoluene
Concen: 50.145 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

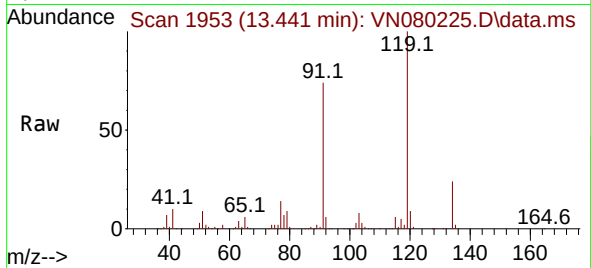
Tgt Ion: 91 Resp: 393893
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.528 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

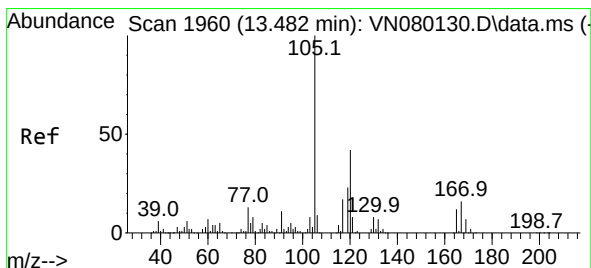
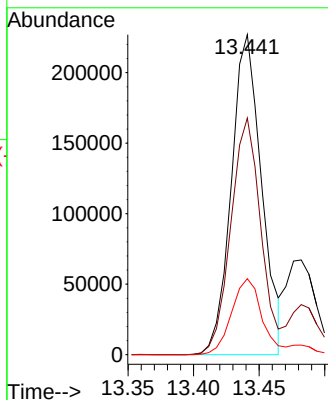
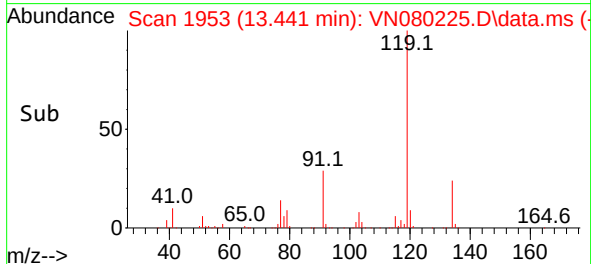
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



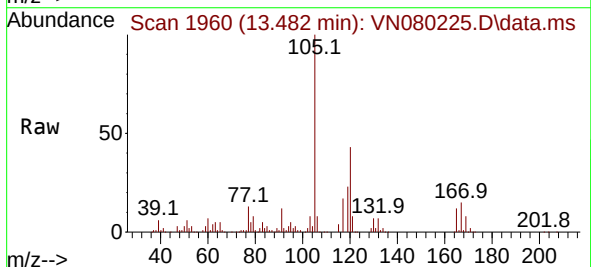
Tgt Ion:119 Resp: 365009
Ion Ratio Lower Upper
119 100
91 72.9 33.9 101.7
134 23.9 13.2 39.6

Manual Integrations
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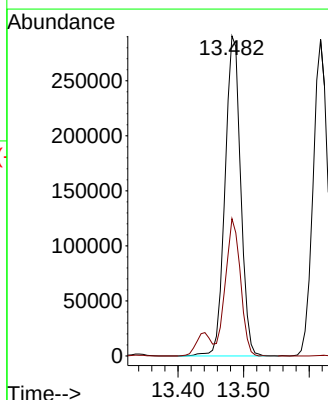
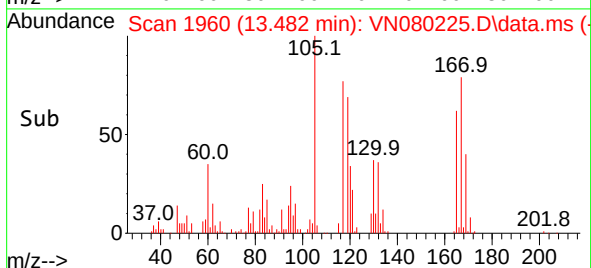
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

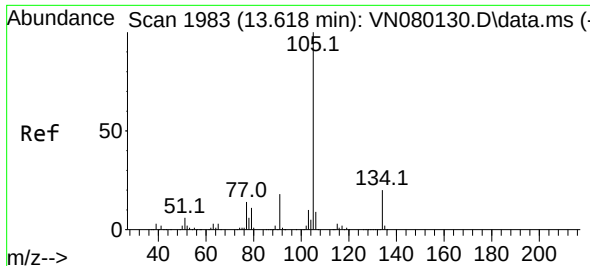


#84
1,2,4-Trimethylbenzene
Concen: 53.053 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10



Tgt Ion:105 Resp: 480087
Ion Ratio Lower Upper
105 100
120 41.5 22.0 66.0





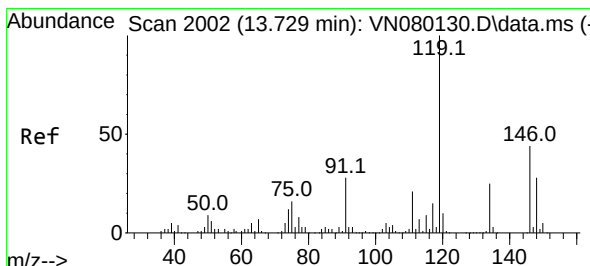
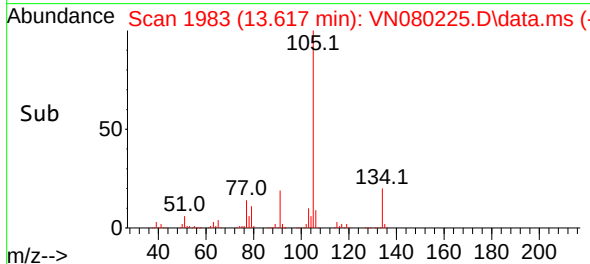
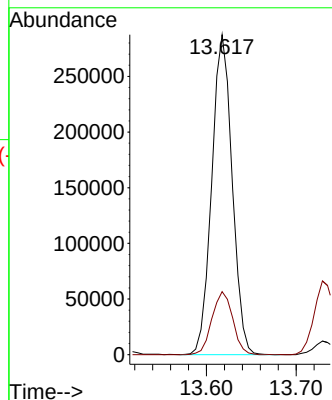
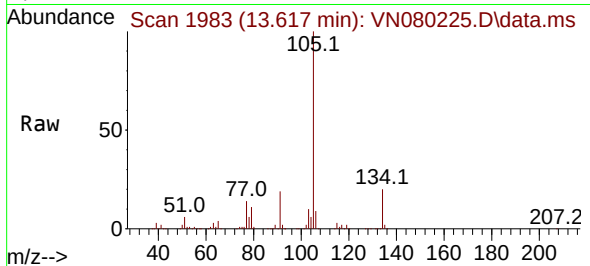
#85
 sec-Butylbenzene
 Concen: 48.694 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 453974
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

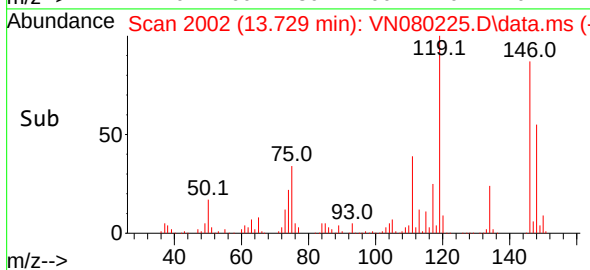
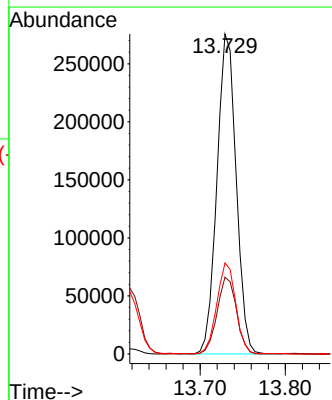
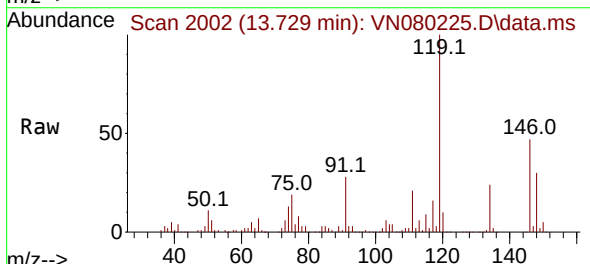
Manual Integrations
 APPROVED

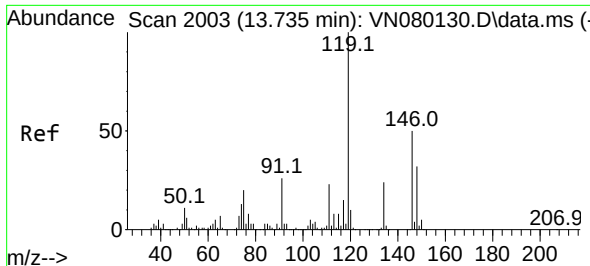
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#86
 p-Isopropyltoluene
 Concen: 51.857 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

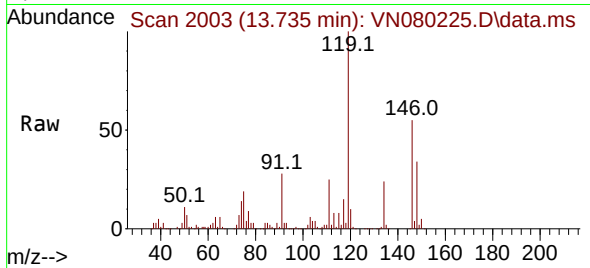
Tgt Ion:119 Resp: 431878
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 27.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.704 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10

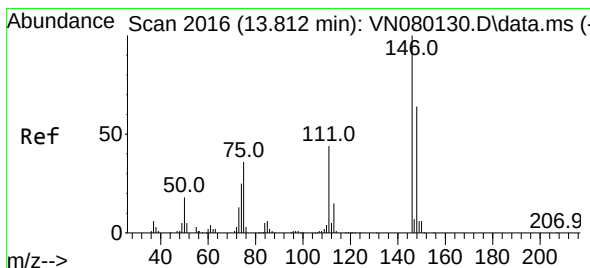
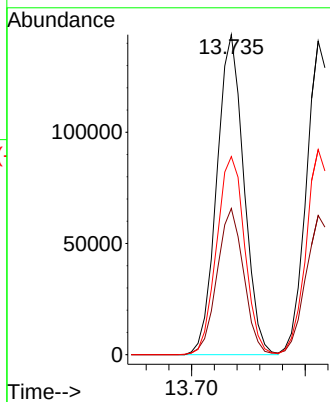
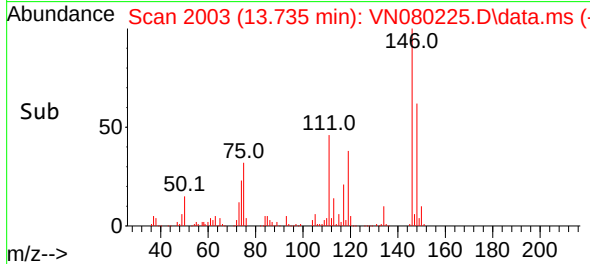
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



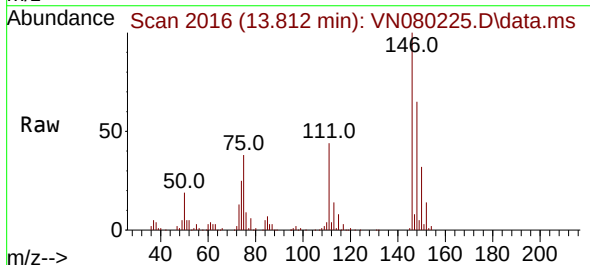
Tgt Ion:146 Resp: 238350
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.3
 148 64.1 32.0 96.0

Manual Integrations
 APPROVED

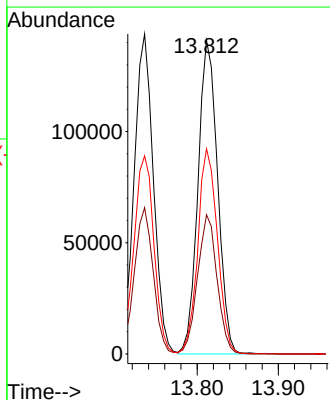
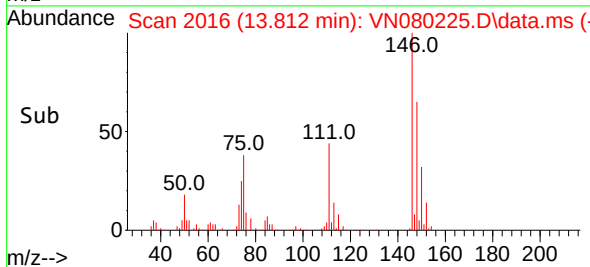
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

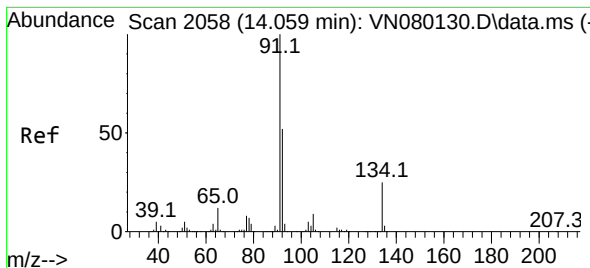


#88
 1,4-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080225.D
 Acq: 21 Nov 2023 12:10



Tgt Ion:146 Resp: 236933
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.8
 148 65.2 31.6 94.8





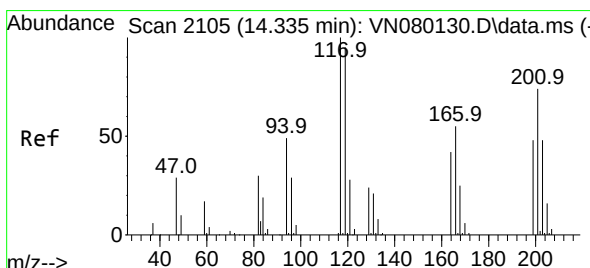
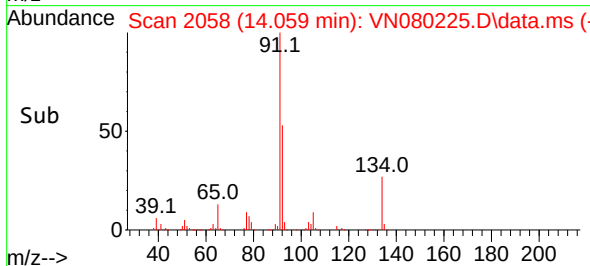
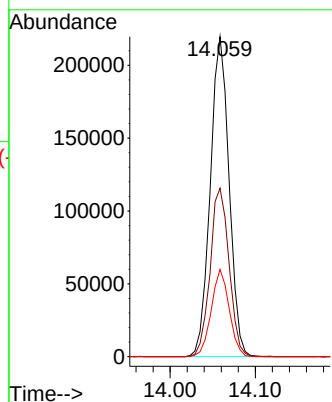
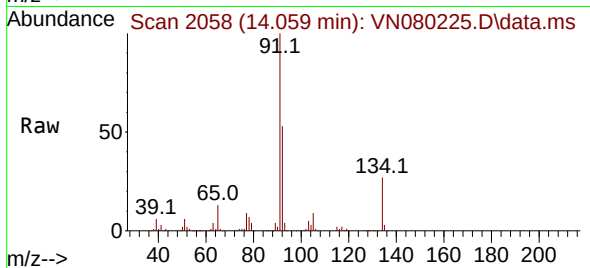
#89
n-Butylbenzene
Concen: 48.216 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33610
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 26.0 12.6 37.6

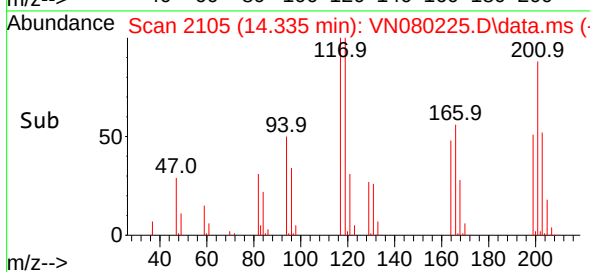
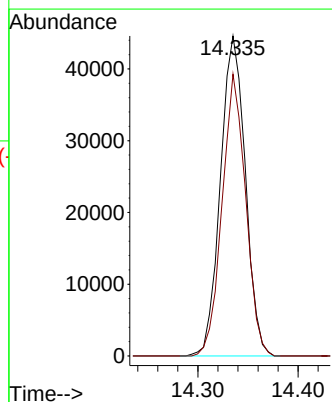
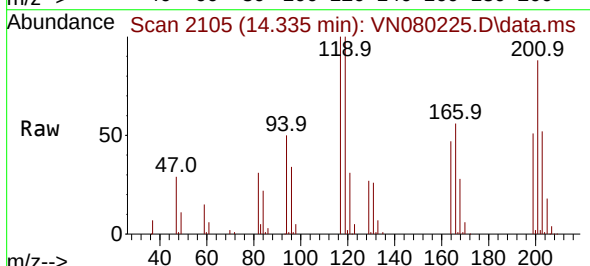
Manual Integrations
APPROVED

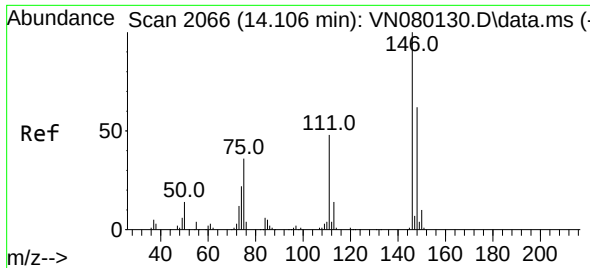
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#90
Hexachloroethane
Concen: 47.378 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:117 Resp: 76924
Ion Ratio Lower Upper
117 100
201 83.3 29.3 88.0





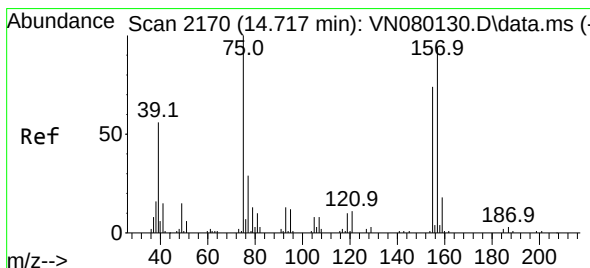
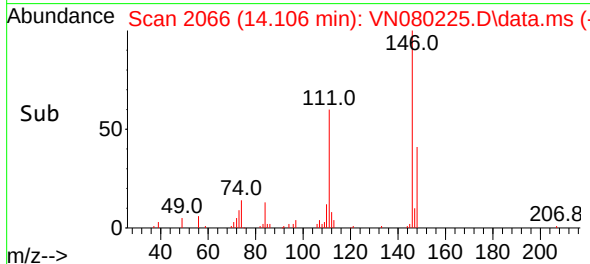
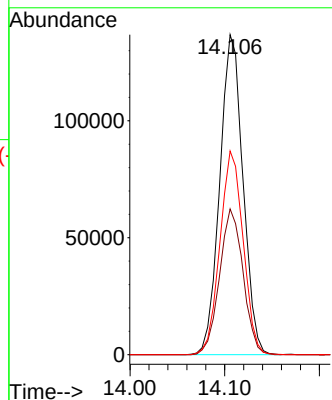
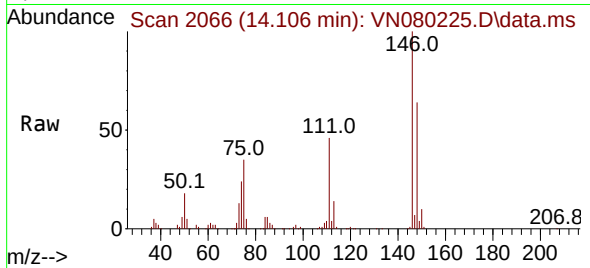
#91
1,2-Dichlorobenzene
Concen: 50.749 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 23289
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.7 31.8 95.3

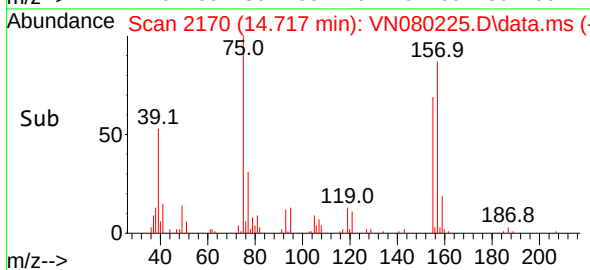
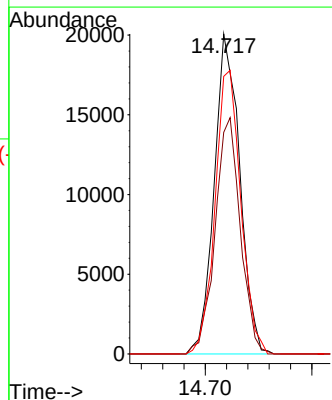
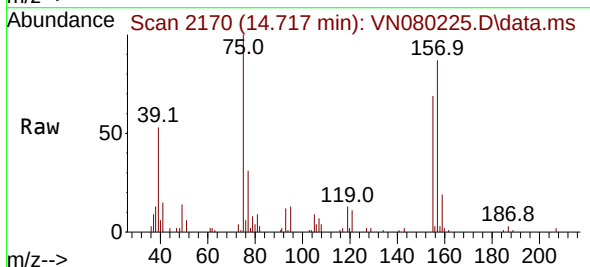
Manual Integrations
APPROVED

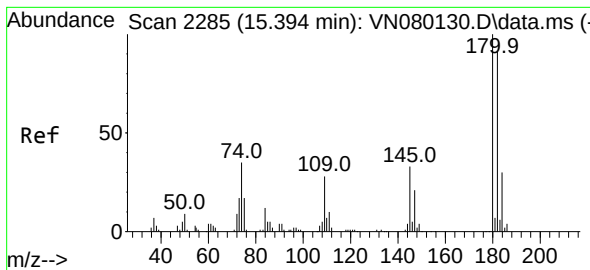
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.497 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

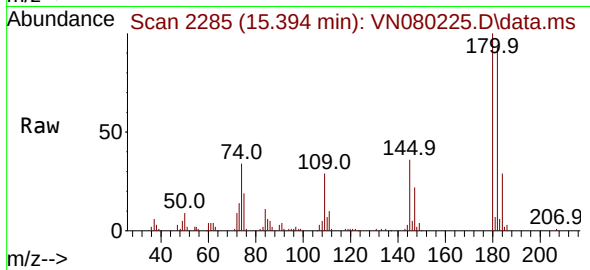
Tgt Ion: 75 Resp: 33392
Ion Ratio Lower Upper
75 100
155 73.0 39.1 117.2
157 89.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 48.906 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

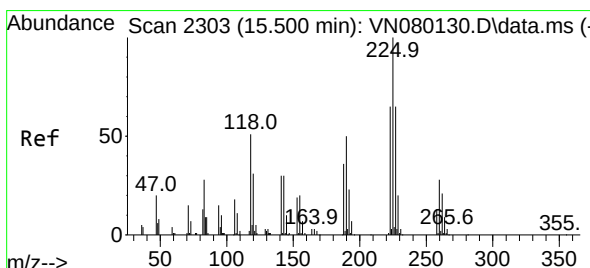
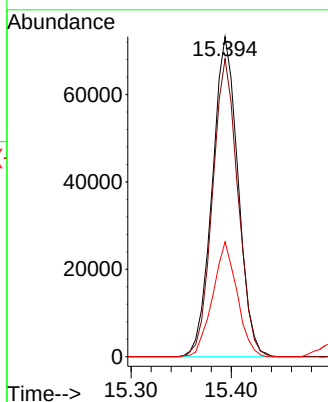
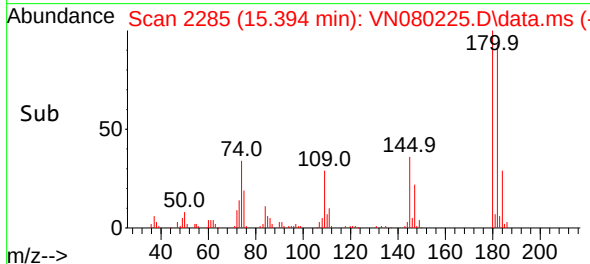
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 13053
Ion Ratio Lower Upper
180 100
182 91.9 46.1 138.2
145 34.2 16.6 49.8

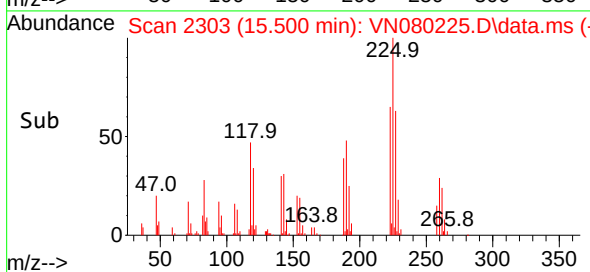
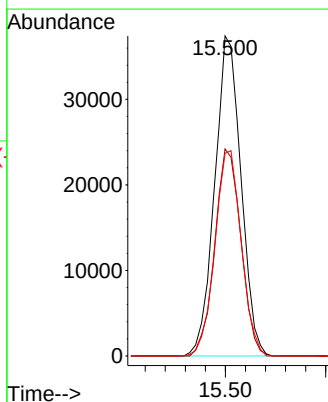
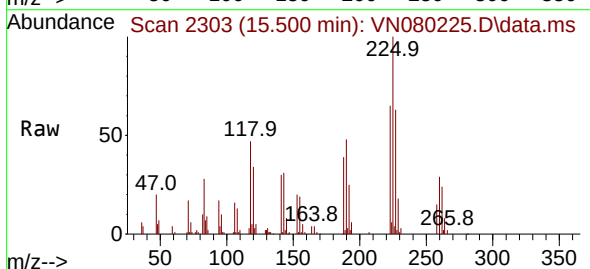
Manual Integrations
APPROVED

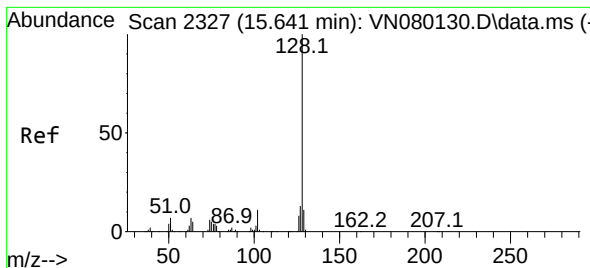
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#94
Hexachlorobutadiene
Concen: 44.279 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080225.D
Acq: 21 Nov 2023 12:10

Tgt Ion:225 Resp: 68011
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.8
227 64.3 31.9 95.9





#95

Naphthalene

Concen: 44.603 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 345215

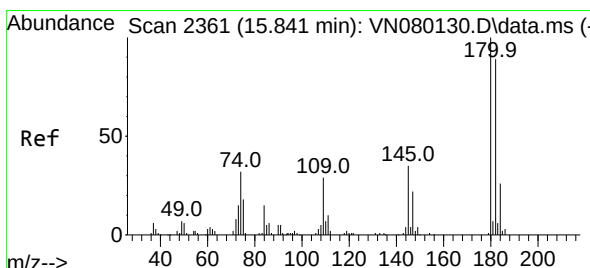
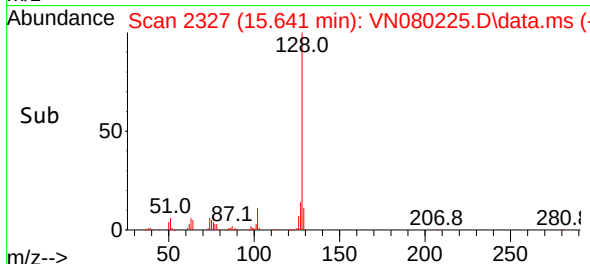
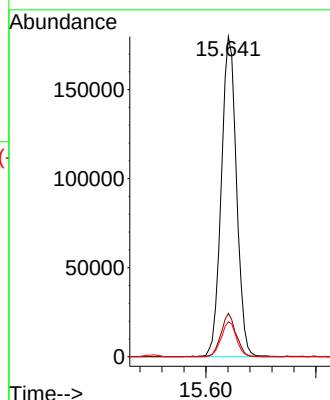
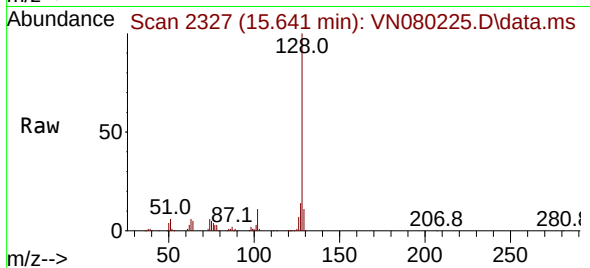
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.926 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080225.D

Acq: 21 Nov 2023 12:10

Tgt Ion:180 Resp: 122400

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	35.5	17.5	52.6

