

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080177.D
 Acq On : 17 Nov 2023 20:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 02:39:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	225431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	365441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	329169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195348	52.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	8.171	113	138562	51.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.571	98	498201	51.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.853	95	187763	51.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	161664	48.144	ug/l	100
3) Chloromethane	2.359	50	119033	47.149	ug/l	98
4) Vinyl Chloride	2.512	62	134101	50.193	ug/l	94
5) Bromomethane	2.947	94	80945	44.629	ug/l	97
6) Chloroethane	3.112	64	86533	52.544	ug/l	95
7) Trichlorofluoromethane	3.495	101	265806	47.692	ug/l	99
8) Diethyl Ether	3.959	74	79901	49.295	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	116101	45.576	ug/l	94
10) Methyl Iodide	4.589	142	146765	53.310	ug/l #	83
11) Tert butyl alcohol	5.518	59	116894	285.575	ug/l	99
12) 1,1-Dichloroethene	4.336	96	114612	48.103	ug/l	86
13) Acrolein	4.177	56	96982	267.721	ug/l	96
14) Allyl chloride	5.024	41	144265	48.125	ug/l	94
15) Acrylonitrile	5.718	53	293517	267.111	ug/l	99
16) Acetone	4.430	43	234690	187.721	ug/l	96
17) Carbon Disulfide	4.712	76	309201	43.462	ug/l	100
18) Methyl Acetate	5.024	43	202985	50.533	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	440556	52.358	ug/l	99
20) Methylene Chloride	5.277	84	137508	52.522	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	125136	47.807	ug/l #	83
22) Diisopropyl ether	6.671	45	346247	52.206	ug/l	97
23) Vinyl Acetate	6.606	43	1045294	262.159	ug/l	93
24) 1,1-Dichloroethane	6.571	63	238545	49.383	ug/l	99
25) 2-Butanone	7.488	43	345200	232.397	ug/l	92
26) 2,2-Dichloropropane	7.494	77	211293	44.088	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	146164	49.253	ug/l	87
28) Bromochloromethane	7.818	49	99284	52.281	ug/l	95
29) Tetrahydrofuran	7.841	42	223635	280.431	ug/l	92
30) Chloroform	7.971	83	270304	50.064	ug/l	99
31) Cyclohexane	8.265	56	174342	43.069	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	261024	49.574	ug/l	98
36) 1,1-Dichloropropene	8.371	75	182530	46.755	ug/l	95
37) Ethyl Acetate	7.565	43	142679	52.689	ug/l	98
38) Carbon Tetrachloride	8.365	117	233921	47.217	ug/l	99
39) Methylcyclohexane	9.606	83	181271	48.156	ug/l	92
40) Benzene	8.612	78	526029	47.409	ug/l	96

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Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76050	51.139	ug/l	92
42) 1,2-Dichloroethane	8.677	62	235460	51.870	ug/l	95
43) Isopropyl Acetate	8.694	43	277201	52.604	ug/l #	92
44) Trichloroethene	9.353	130	133546	45.884	ug/l	94
45) 1,2-Dichloropropane	9.624	63	124838	48.415	ug/l	93
46) Dibromomethane	9.712	93	100461	51.470	ug/l	94
47) Bromodichloromethane	9.888	83	215522	50.197	ug/l	99
48) Methyl methacrylate	9.682	41	149394	55.013	ug/l	90
49) 1,4-Dioxane	9.694	88	52599	1164.278	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	736056	269.798	ug/l	97
52) Toluene	10.635	92	338250	48.712	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	222690	50.482	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	226658	50.293	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	135081	50.969	ug/l	98
56) Ethyl methacrylate	10.876	69	152544	56.342	ug/l	95
57) 1,3-Dichloropropane	11.165	76	231111	49.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	444012	291.098	ug/l	98
59) 2-Hexanone	11.200	43	542027	247.247	ug/l	96
60) Dibromochloromethane	11.359	129	160888	50.707	ug/l	99
61) 1,2-Dibromoethane	11.476	107	136842	50.612	ug/l	96
64) Tetrachloroethene	11.106	164	112797	44.901	ug/l	99
65) Chlorobenzene	11.894	112	351747	47.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	144805	50.028	ug/l	93
67) Ethyl Benzene	11.965	91	651970	49.122	ug/l	97
68) m/p-Xylenes	12.076	106	481881	99.578	ug/l	88
69) o-Xylene	12.400	106	232584	50.999	ug/l	87
70) Styrene	12.412	104	347462	51.188	ug/l	92
71) Bromoform	12.582	173	110529	51.493	ug/l #	99
73) Isopropylbenzene	12.700	105	617000	48.368	ug/l	98
74) N-amyl acetate	12.500	43	206536	51.920	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	184712	48.380	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	201010m	49.976	ug/l	
77) Bromobenzene	12.982	156	147493	45.860	ug/l	98
78) n-propylbenzene	13.041	91	692473	48.545	ug/l	99
79) 2-Chlorotoluene	13.129	91	442209	47.731	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	537871	48.438	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	56542	47.495	ug/l #	83
82) 4-Chlorotoluene	13.223	91	452063	47.630	ug/l	96
83) tert-Butylbenzene	13.441	119	448282	50.341	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	543087	49.669	ug/l	96
85) sec-Butylbenzene	13.617	105	554092	49.188	ug/l	99
86) p-Isopropyltoluene	13.735	119	514070	51.085	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	265395	45.802	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	263042	45.172	ug/l	98
89) n-Butylbenzene	14.059	91	406925	48.313	ug/l	99
90) Hexachloroethane	14.341	117	92436	47.118	ug/l	73
91) 1,2-Dichlorobenzene	14.111	146	256145	46.195	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44408	50.076	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	147386	45.702	ug/l	98
94) Hexachlorobutadiene	15.506	225	77440	41.727	ug/l	99
95) Naphthalene	15.647	128	445330	47.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142169	47.032	ug/l	98

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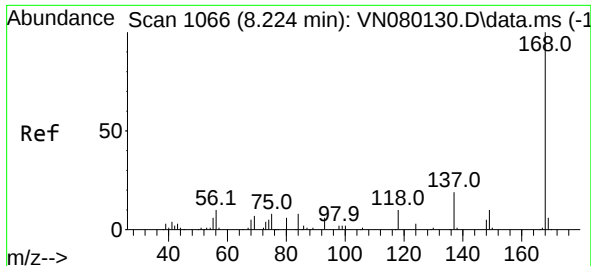
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/20/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
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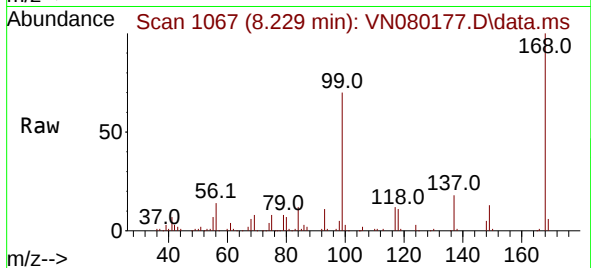
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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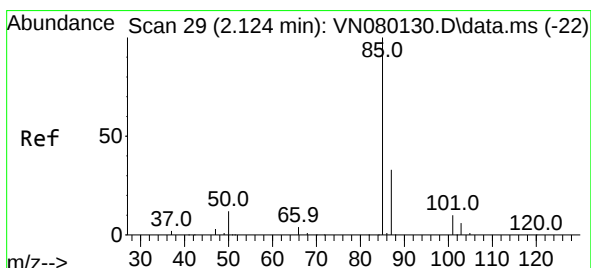
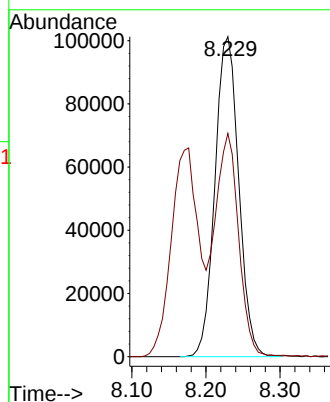
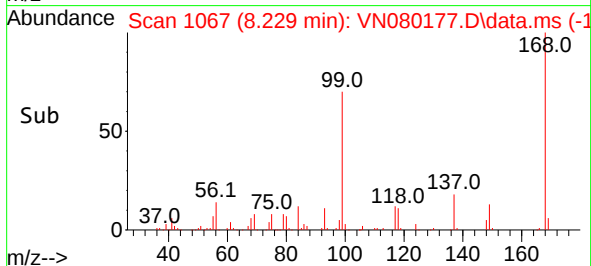
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 22543
Ion Ratio Lower Upper
168 100
99 69.4 53.0 79.6

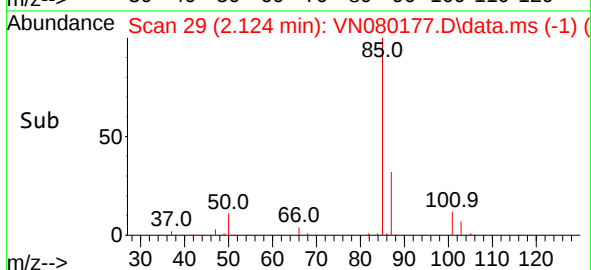
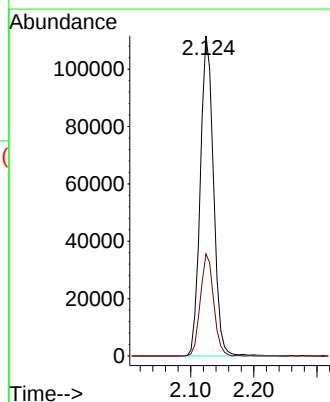
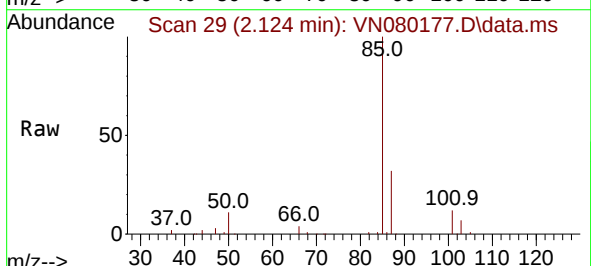
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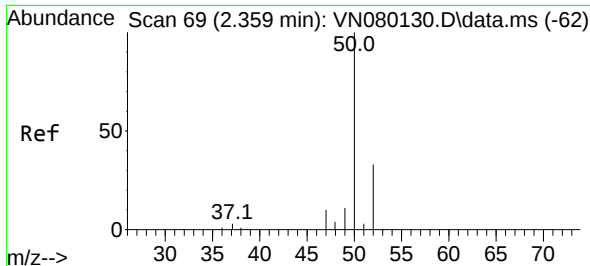
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 48.144 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion: 85 Resp: 161664
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





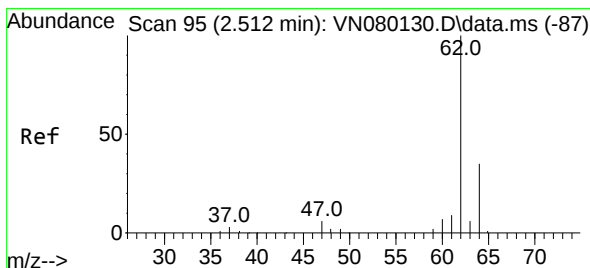
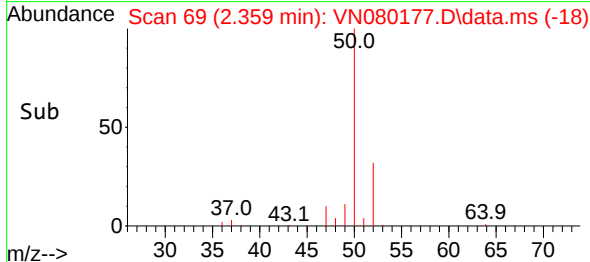
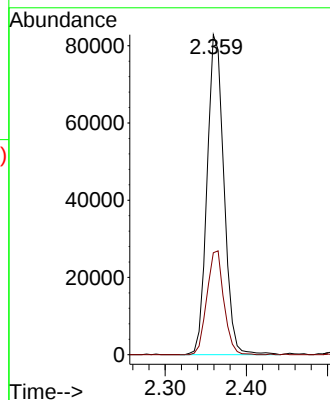
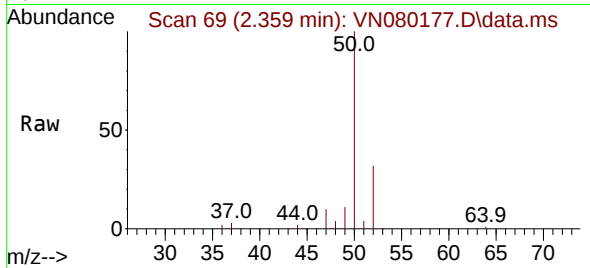
#3
Chloromethane
Concen: 47.149 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

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Tgt Ion: 50 Resp: 11903
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

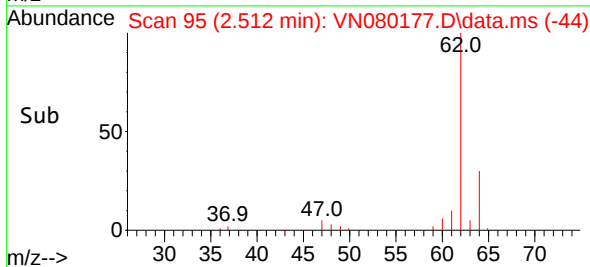
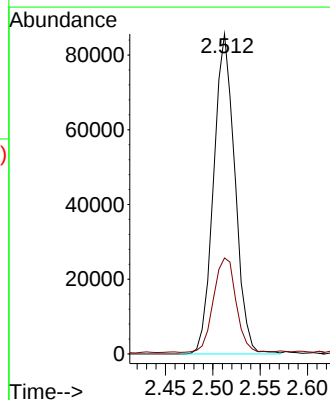
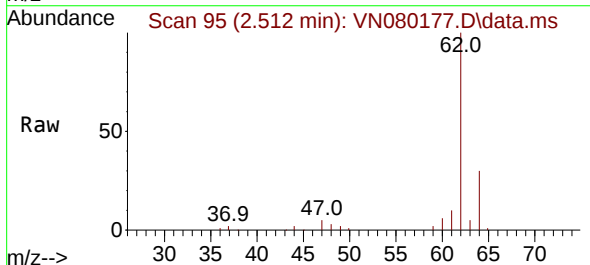
Manual Integrations
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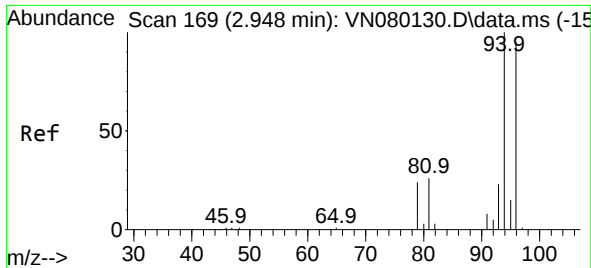
Reviewed By :John Carlone 11/18/2023
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#4
Vinyl Chloride
Concen: 50.193 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion: 62 Resp: 134101
Ion Ratio Lower Upper
62 100
64 29.5 26.2 39.2





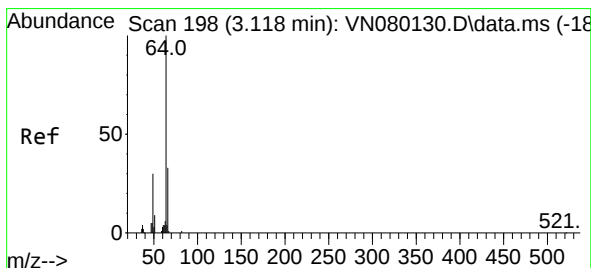
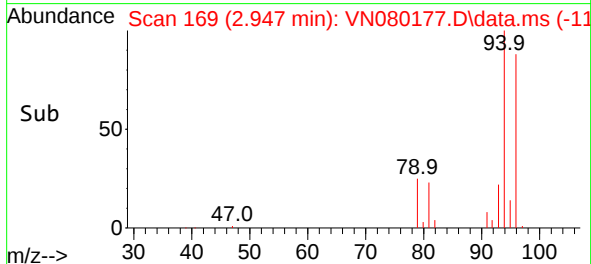
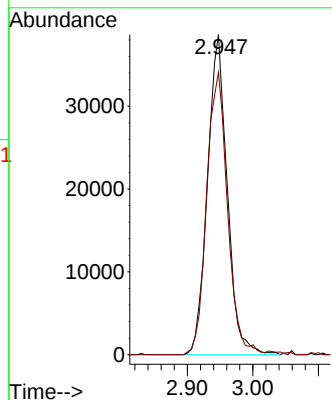
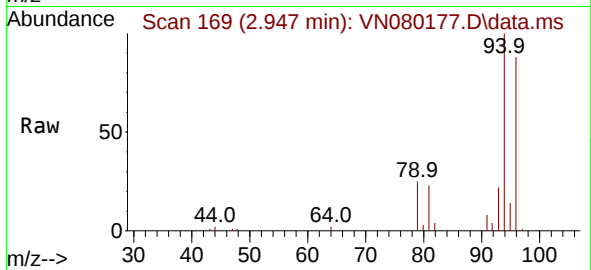
#5
Bromomethane
Concen: 44.629 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080177.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8094
Ion Ratio Lower Upper
94 100
96 88.3 73.1 109.7

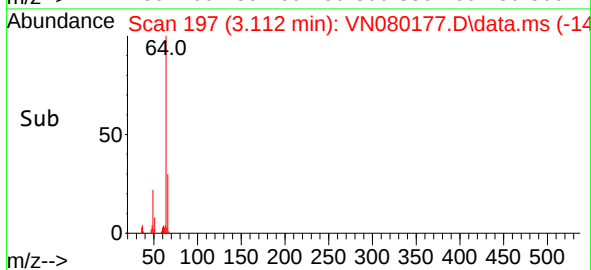
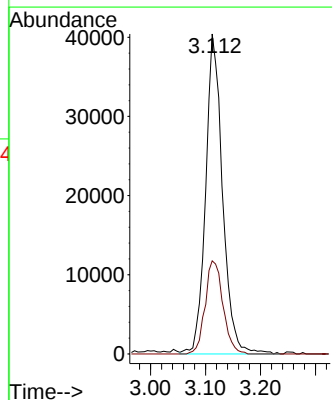
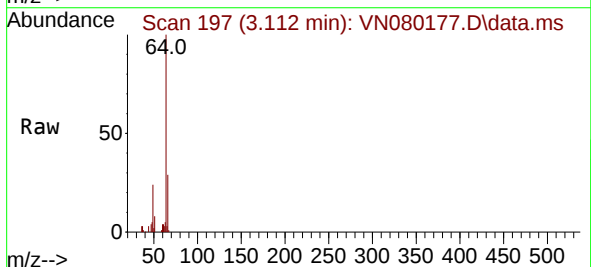
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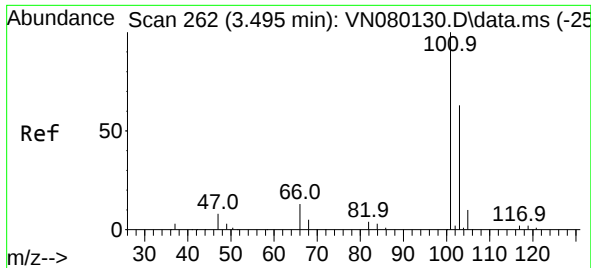
Reviewed By :John Carlone 11/18/2023
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#6
Chloroethane
Concen: 52.544 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion: 64 Resp: 86533
Ion Ratio Lower Upper
64 100
66 29.1 25.4 38.2





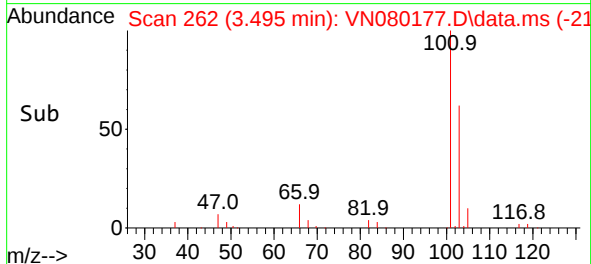
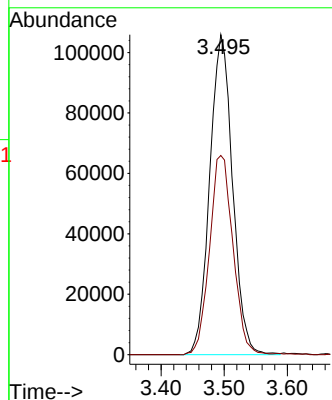
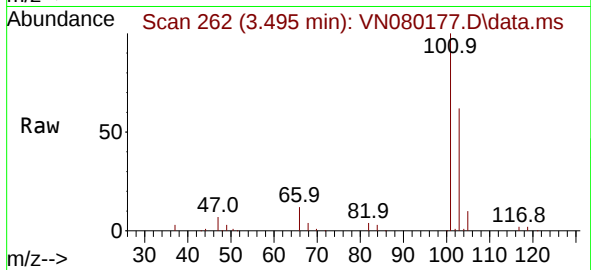
#7
Trichlorofluoromethane
Concen: 47.692 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 265800
Ion Ratio Lower Upper
101 100
103 62.3 50.7 76.1

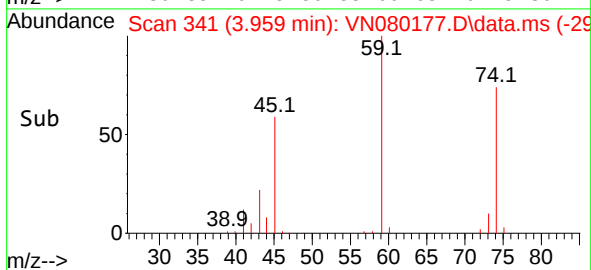
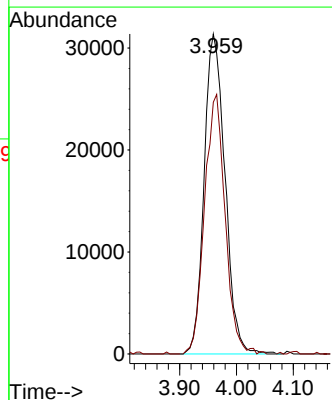
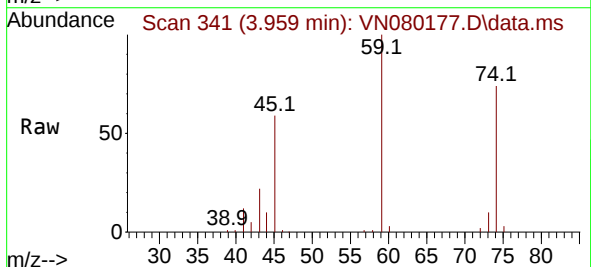
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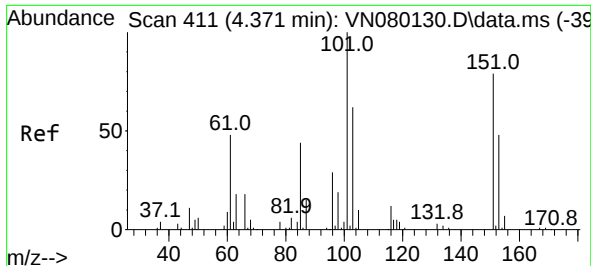
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#8
Diethyl Ether
Concen: 49.295 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 17 Nov 2023 20:51

Tgt Ion: 74 Resp: 79901
Ion Ratio Lower Upper
74 100
45 80.2 34.4 103.3





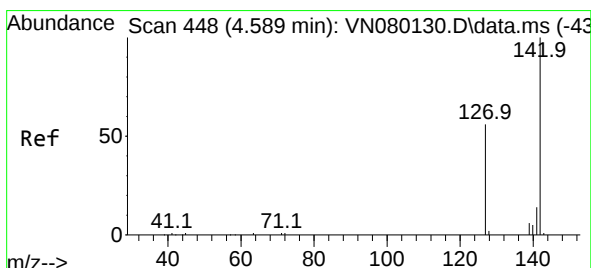
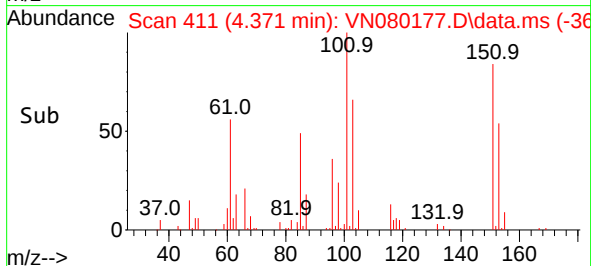
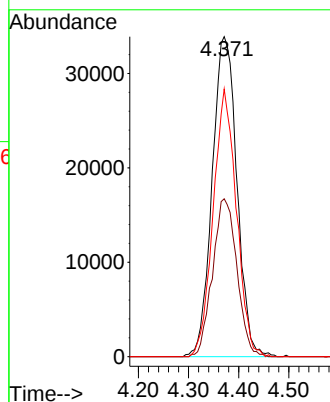
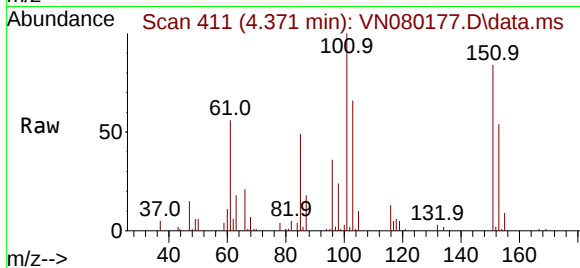
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.576 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11610
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 78.5 57.6 86.4

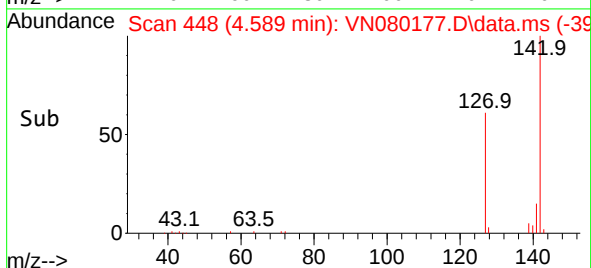
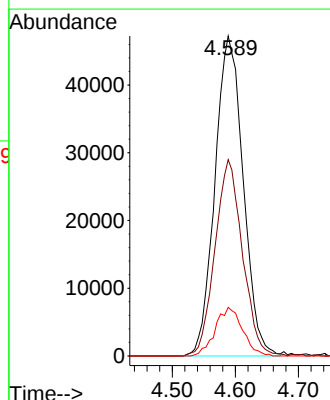
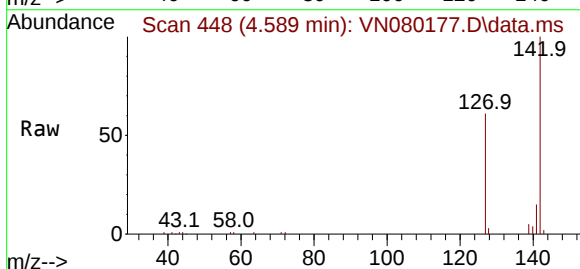
Manual Integrations
APPROVED

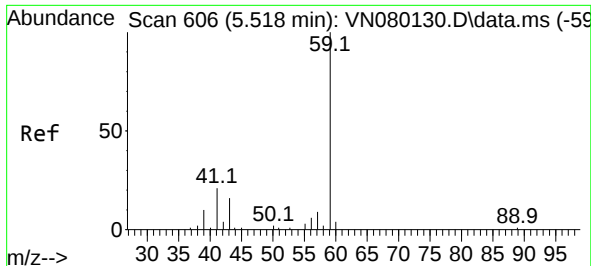
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 53.310 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion:142 Resp: 146765
Ion Ratio Lower Upper
142 100
127 61.4 37.6 56.4#
141 15.2 11.4 17.0





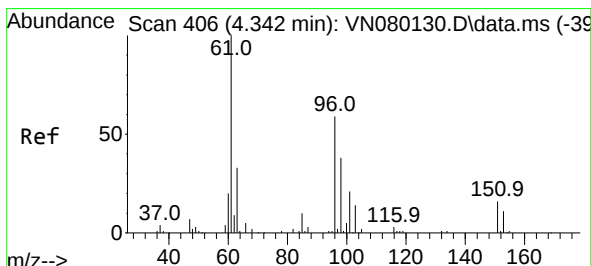
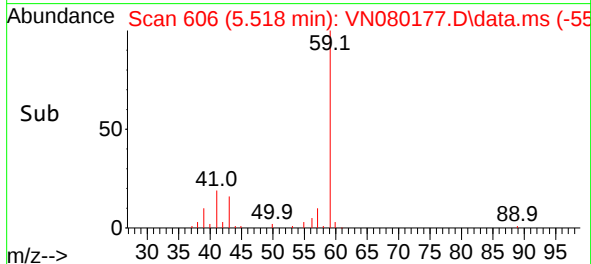
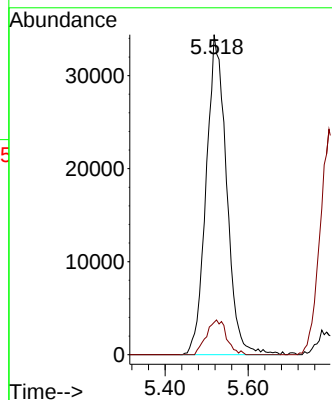
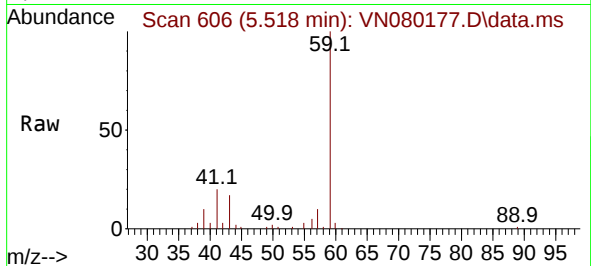
#11
Tert butyl alcohol
Concen: 285.575 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 116894
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

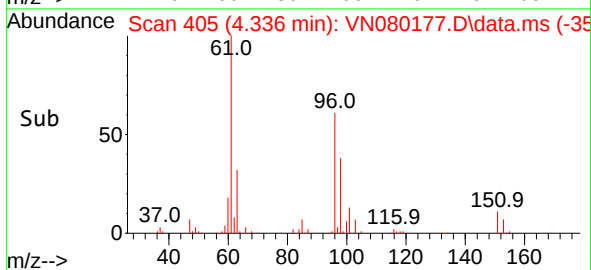
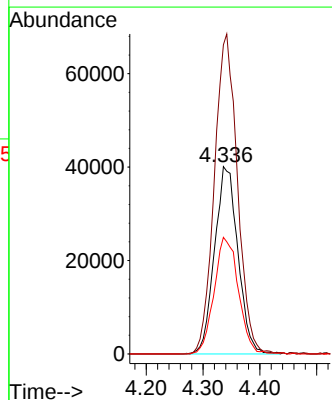
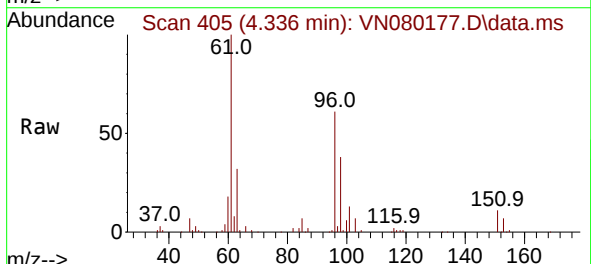
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 48.103 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

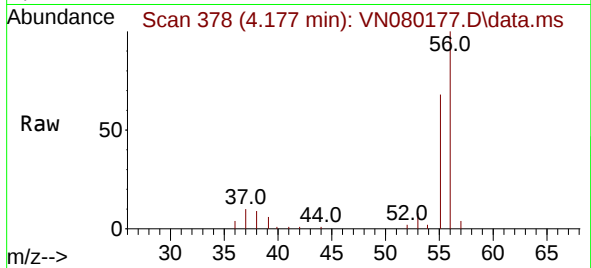
Tgt Ion: 96 Resp: 114612
Ion Ratio Lower Upper
96 100
61 165.0 112.7 169.1
98 62.3 51.2 76.8





#13
Acrolein
Concen: 267.721 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

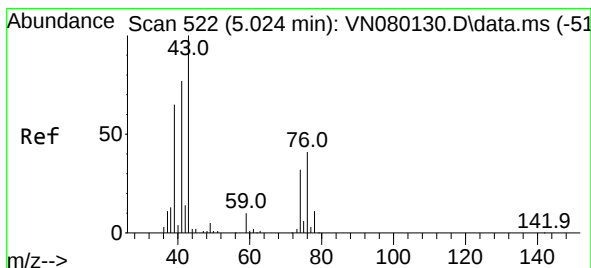
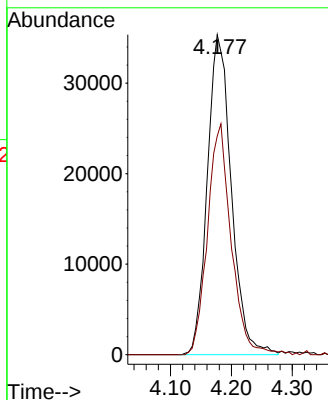
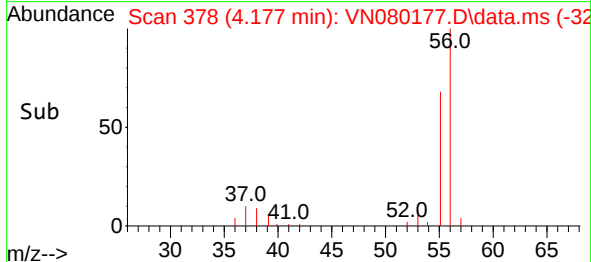
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9698
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

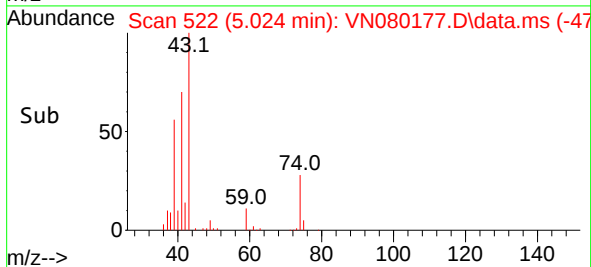
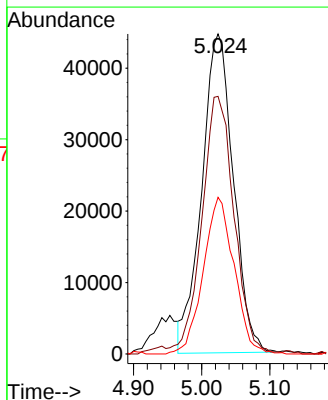
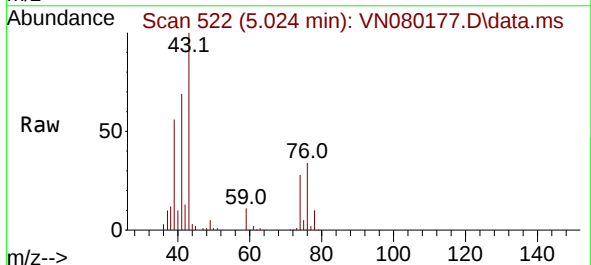
Manual Integrations
APPROVED

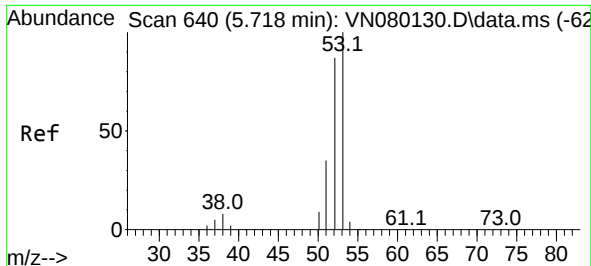
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 48.125 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

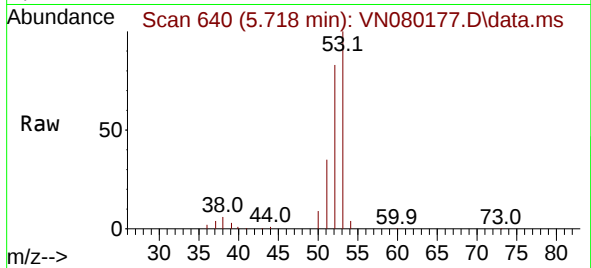
Tgt Ion: 41 Resp: 144265
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 47.9 39.1 58.7





#15
Acrylonitrile
Concen: 267.111 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

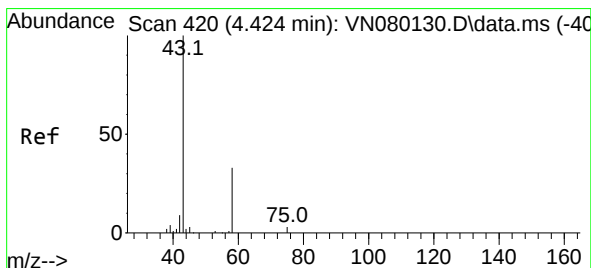
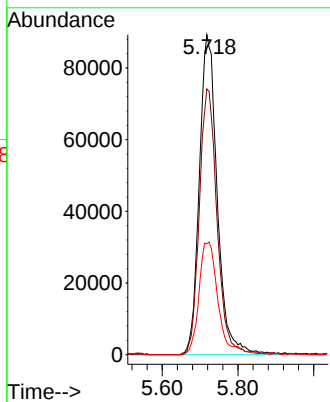
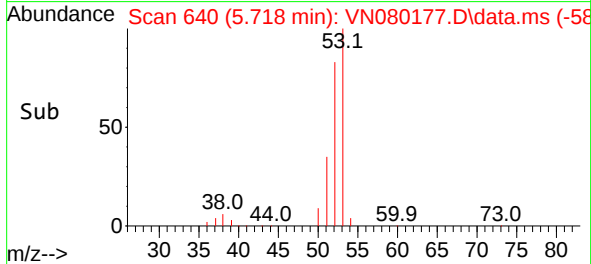
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 29351
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 37.3 28.9 43.3

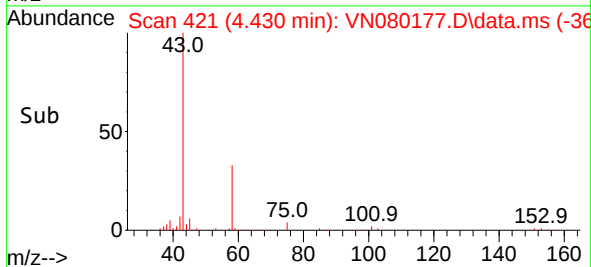
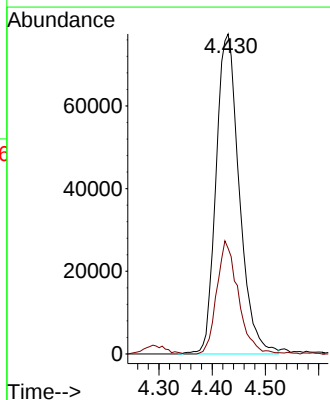
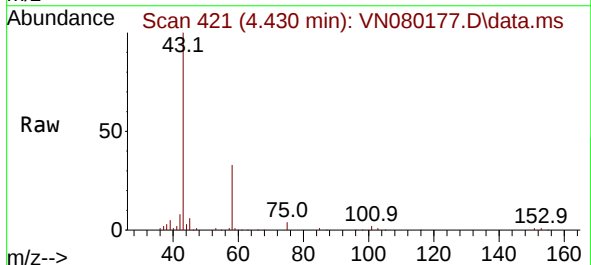
Manual Integrations
APPROVED

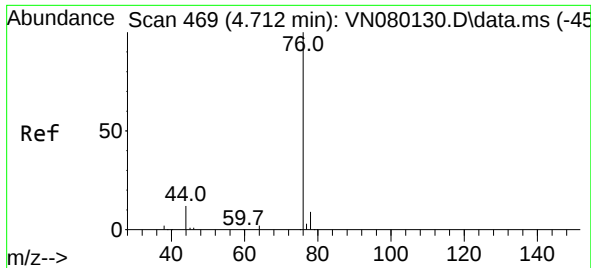
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 187.721 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

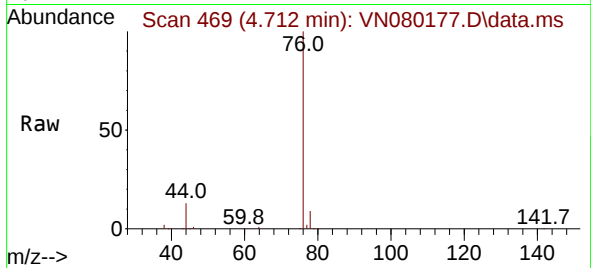
Tgt Ion: 43 Resp: 234690
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





#17
Carbon Disulfide
Concen: 43.462 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

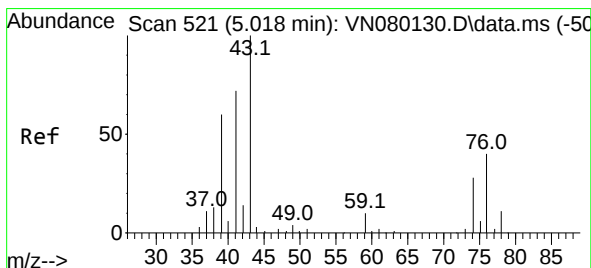
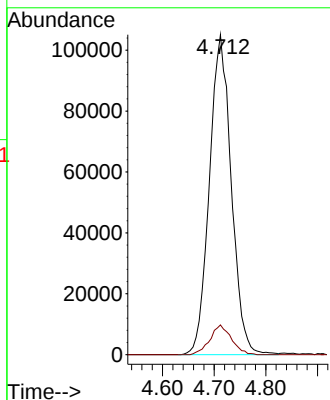
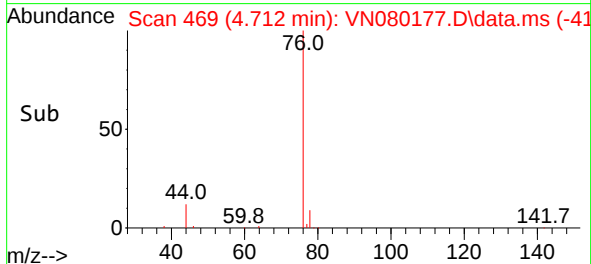
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



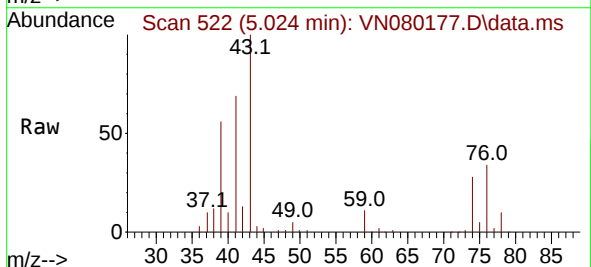
Tgt Ion: 76 Resp: 30920
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
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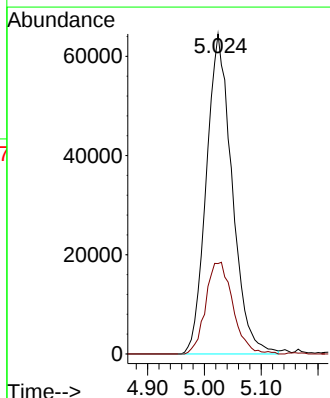
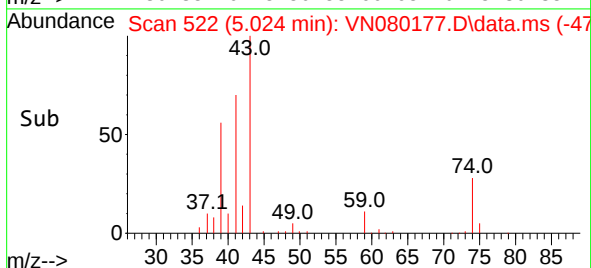
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

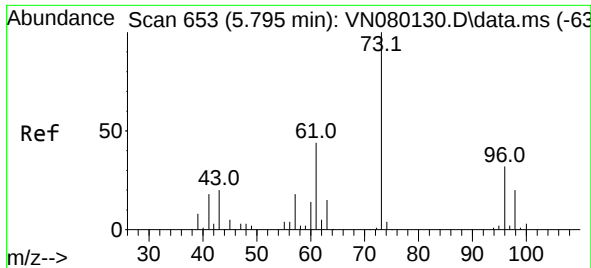


#18
Methyl Acetate
Concen: 50.533 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion: 43 Resp: 202985
Ion Ratio Lower Upper
43 100
74 30.0 26.2 39.4





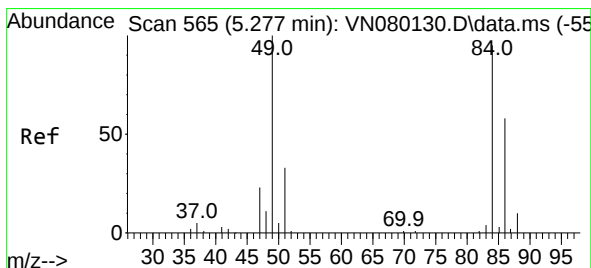
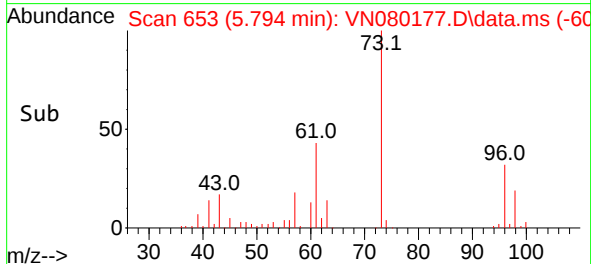
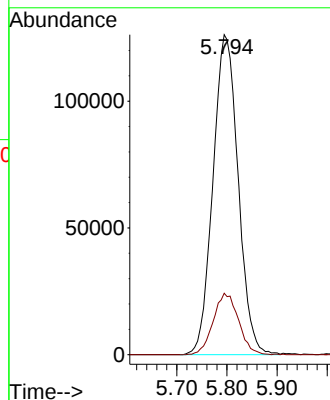
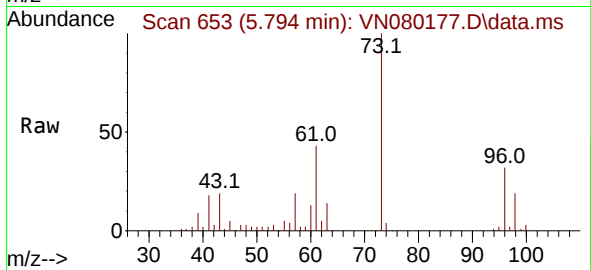
#19
Methyl tert-butyl Ether
Concen: 52.358 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 440550
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

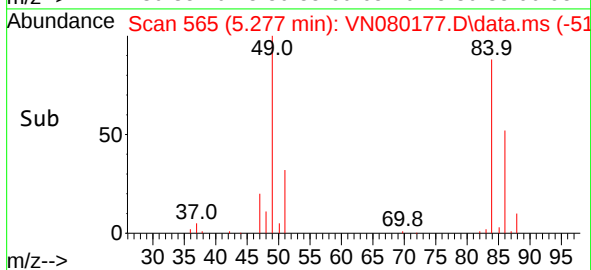
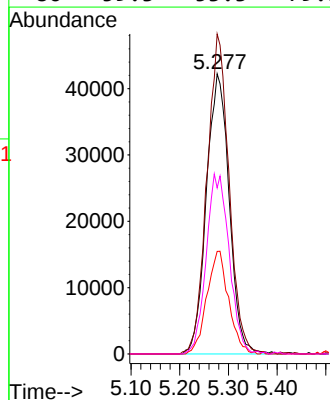
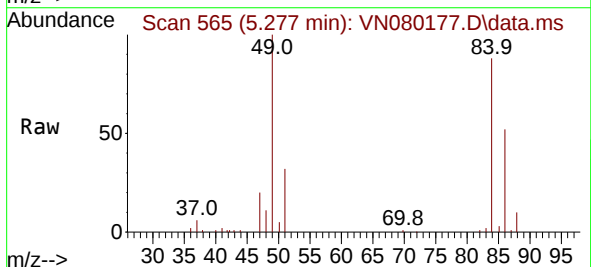
Manual Integrations
APPROVED

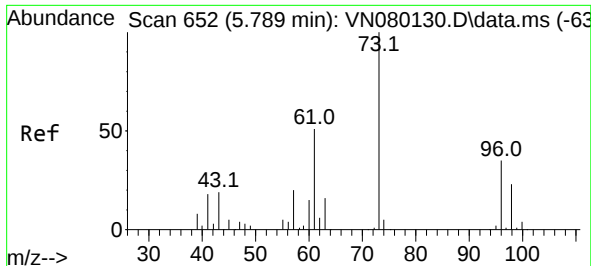
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 52.522 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

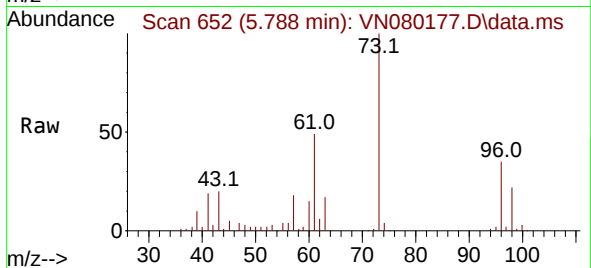
Tgt Ion: 84 Resp: 137508
Ion Ratio Lower Upper
84 100
49 114.2 79.7 119.5
51 36.6 25.2 37.8
86 59.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.807 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

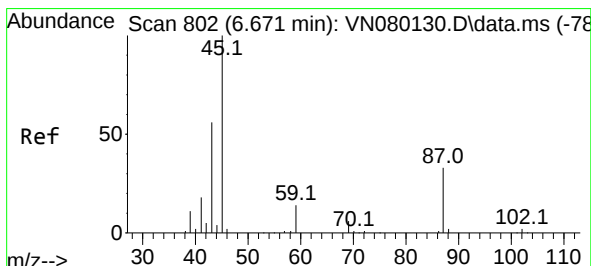
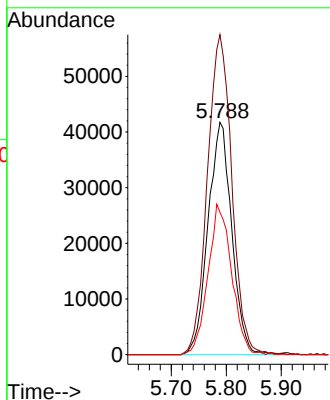
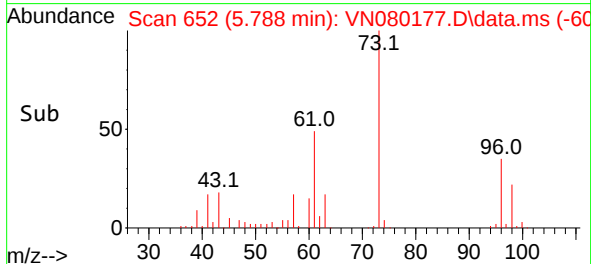
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



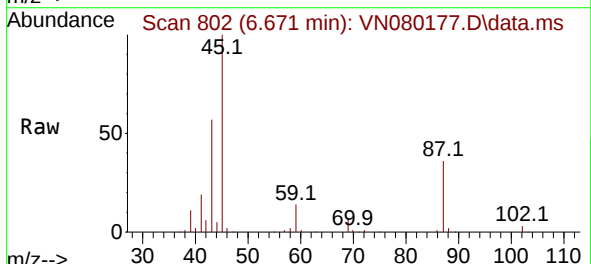
Tgt Ion: 96 Resp: 125130
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1
98 61.3 46.4 69.6

Manual Integrations
APPROVED

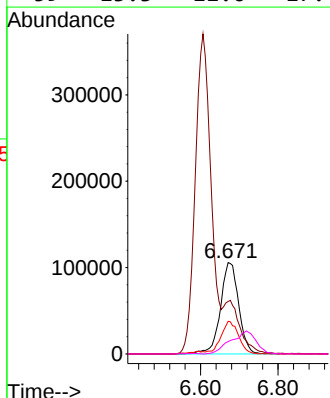
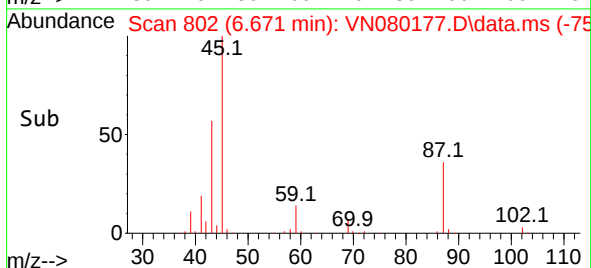
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

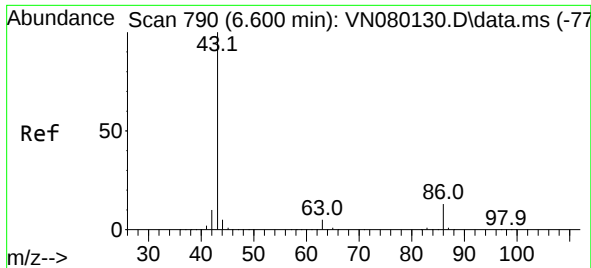


#22
Diisopropyl ether
Concen: 52.206 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion: 45 Resp: 346247
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 35.7 31.8 47.8
59 13.3 11.6 17.4





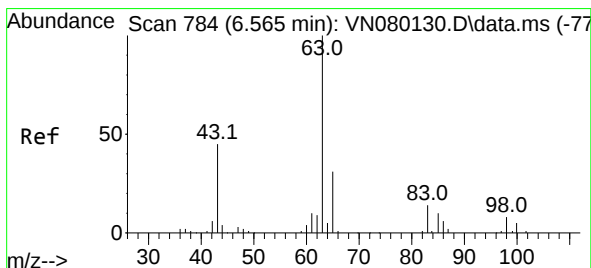
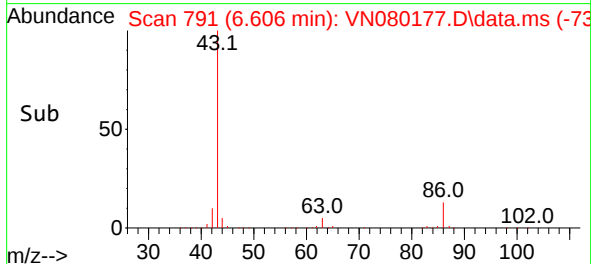
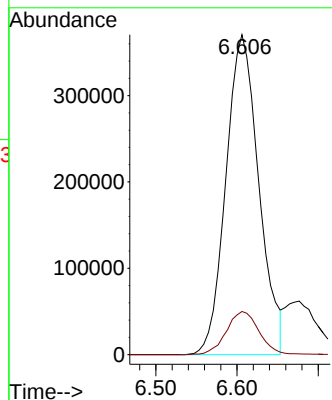
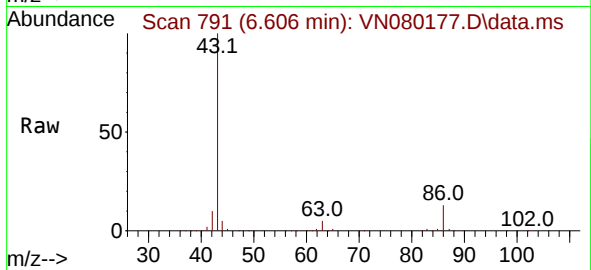
#23
 Vinyl Acetate
 Concen: 262.159 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1045294
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

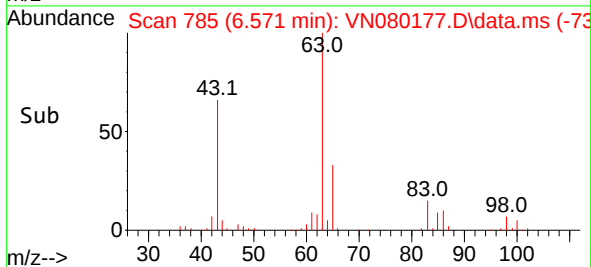
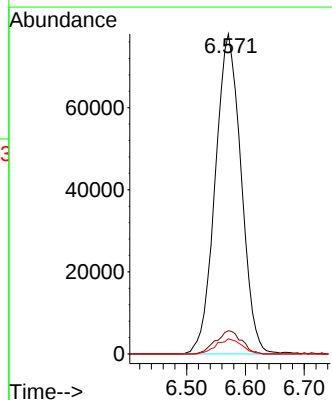
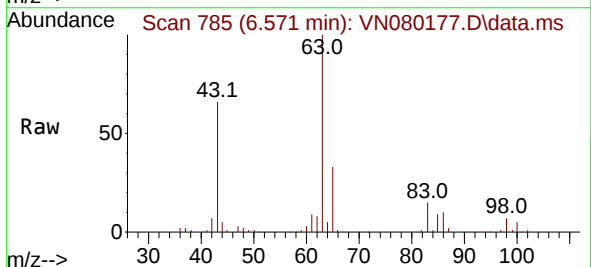
Manual Integrations
 APPROVED

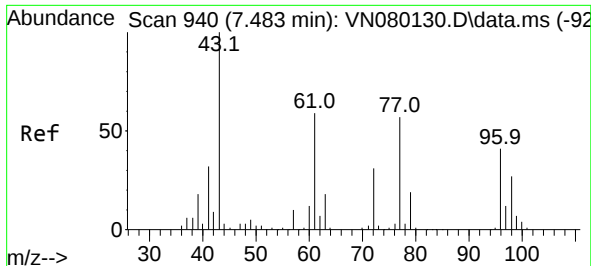
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 49.383 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

Tgt Ion: 63 Resp: 238545
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.7 2.5 7.4





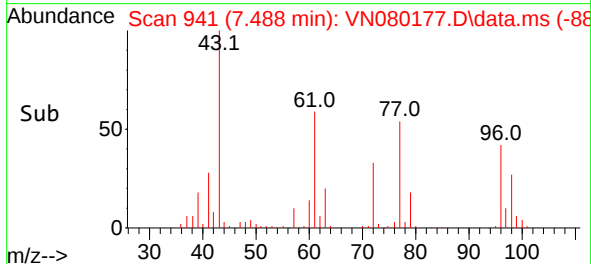
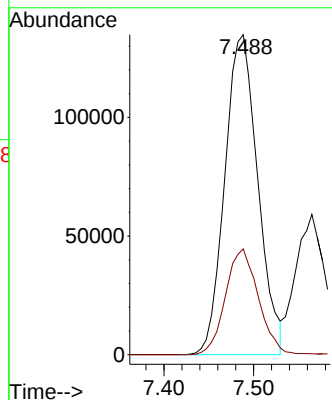
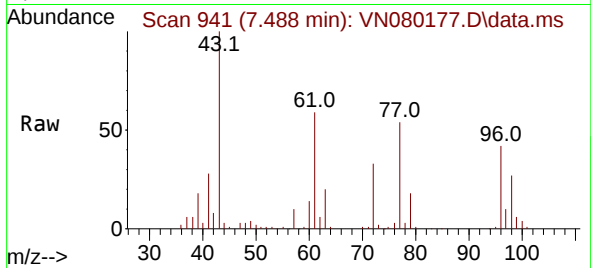
#25
2-Butanone
Concen: 232.397 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 345200
Ion Ratio Lower Upper
43 100
72 33.1 30.2 45.2

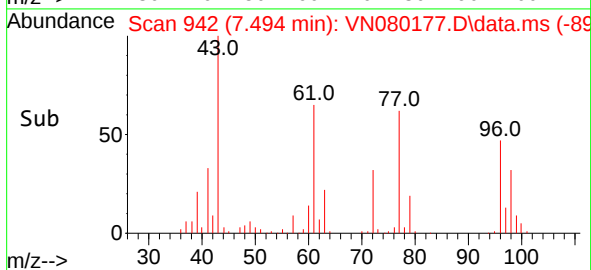
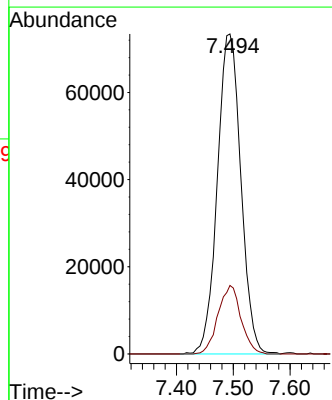
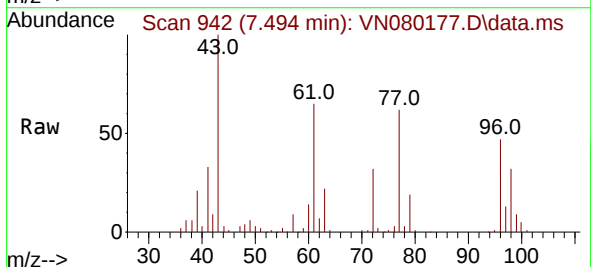
Manual Integrations
APPROVED

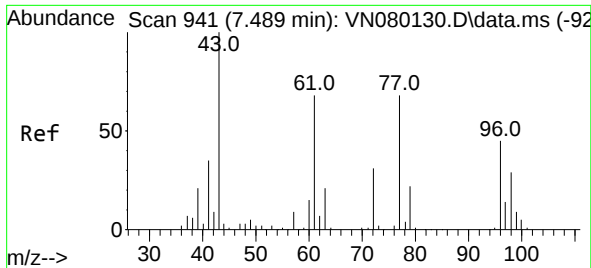
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 44.088 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

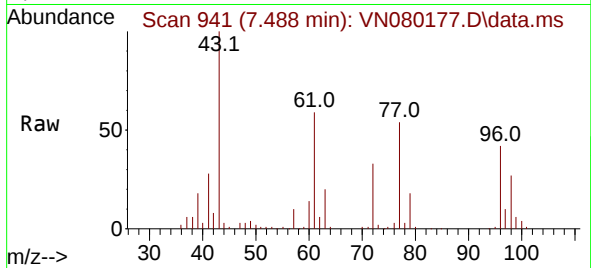
Tgt Ion: 77 Resp: 211293
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.253 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

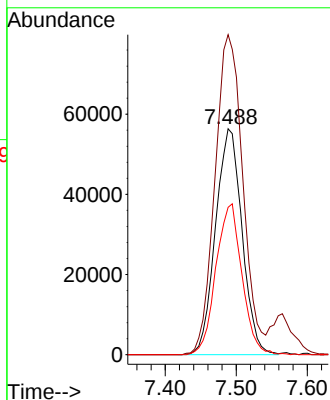
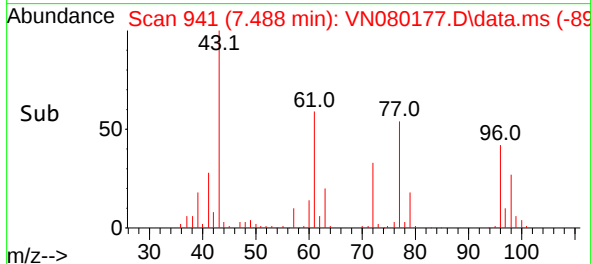
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 146164
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 255.2
 98 65.6 0.0 128.8

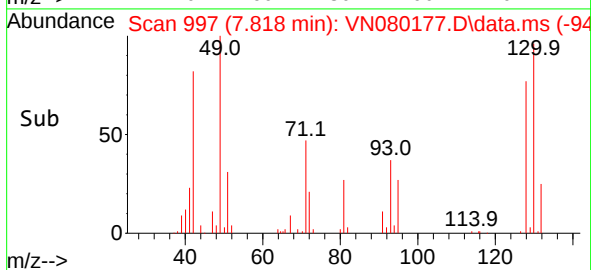
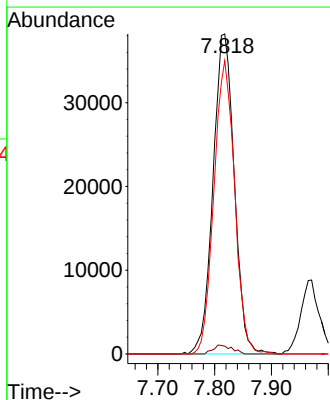
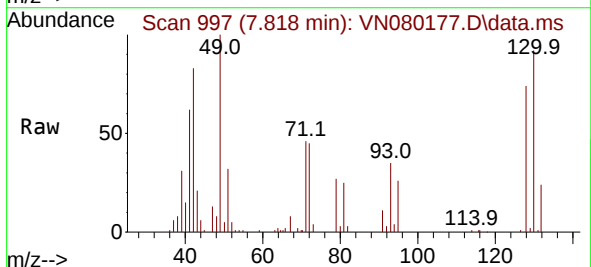
Manual Integrations
 APPROVED

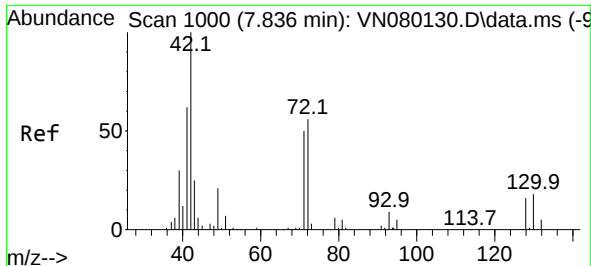
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 52.281 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

Tgt Ion: 49 Resp: 99284
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 89.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 280.431 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 22363

Ion Ratio Lower Upper

42 100

72 56.6 49.8 74.6

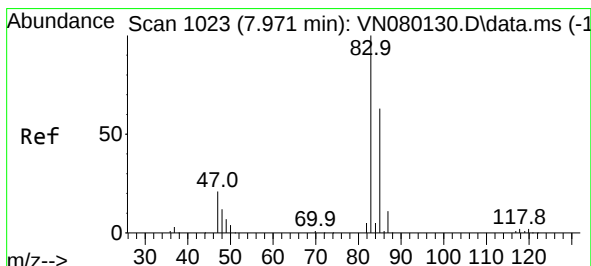
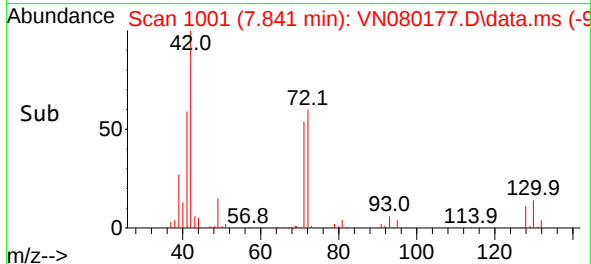
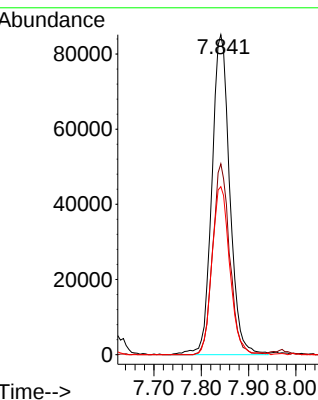
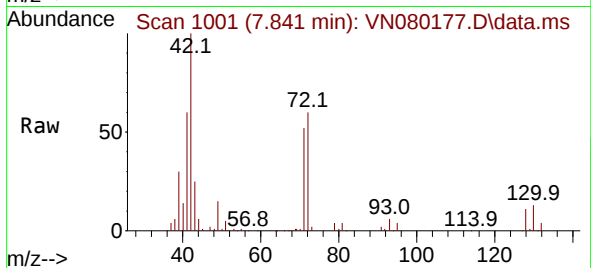
71 52.3 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 50.064 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080177.D

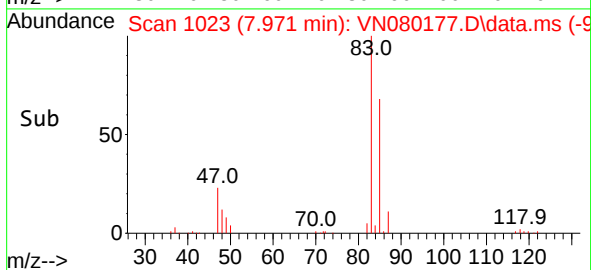
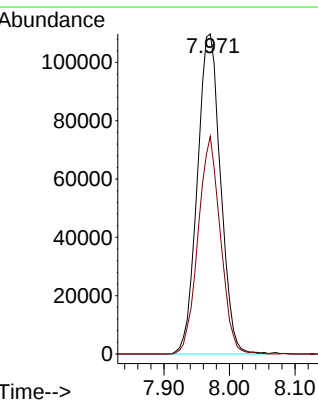
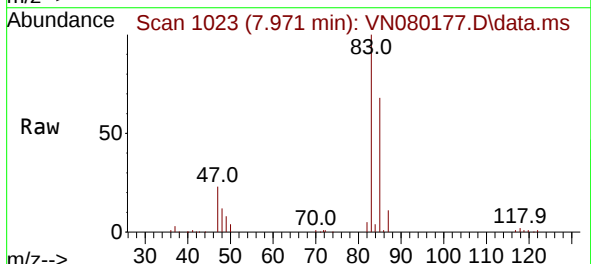
Acq: 17 Nov 2023 20:51

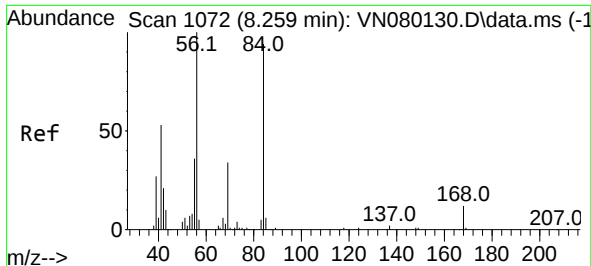
Tgt Ion: 83 Resp: 270304

Ion Ratio Lower Upper

83 100

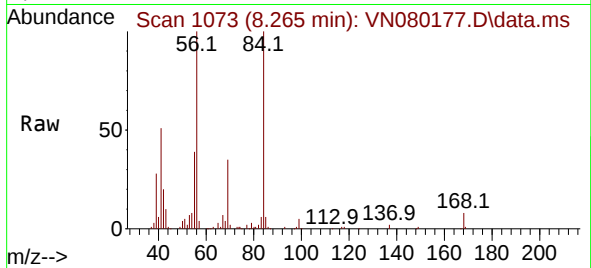
85 68.0 55.4 83.0





#31
Cyclohexane
Concen: 43.069 ug/l
RT: 8.265 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

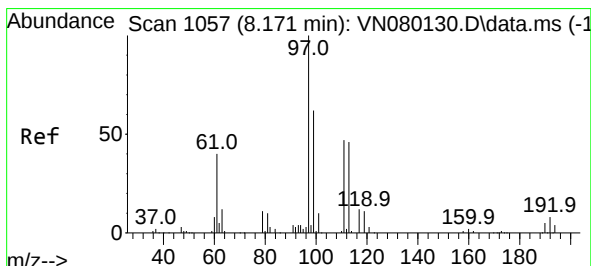
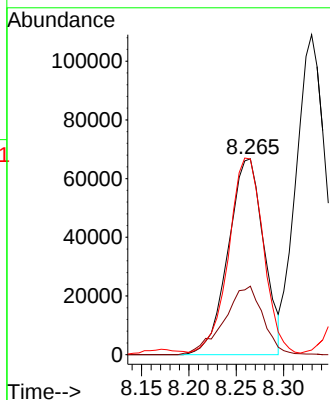
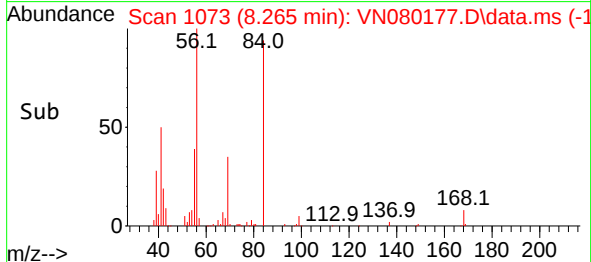
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



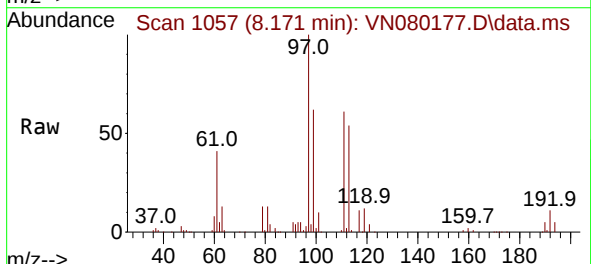
Tgt Ion: 56 Resp: 17434
Ion Ratio Lower Upper
56 100
69 35.0 26.8 40.2
84 98.1 81.8 122.6

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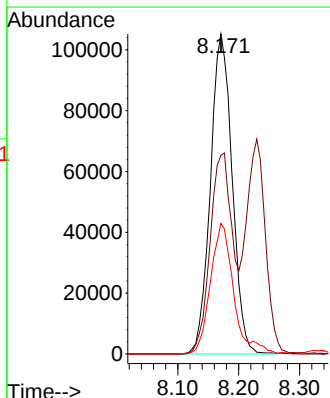
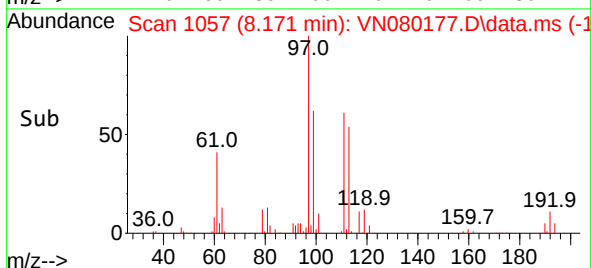
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

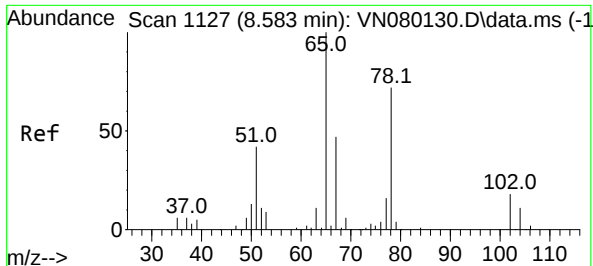


#32
1,1,1-Trichloroethane
Concen: 49.574 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion: 97 Resp: 261024
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.482 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19534

Ion Ratio Lower Upper

65 100

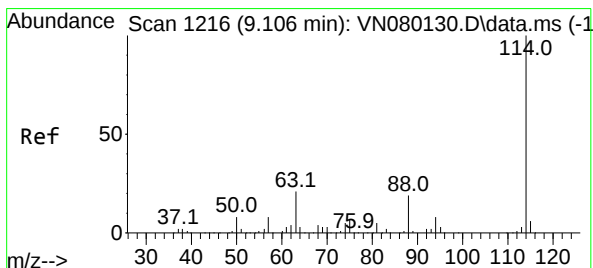
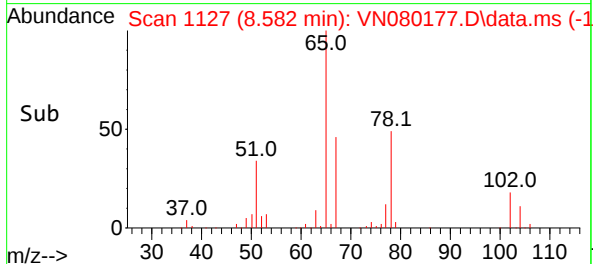
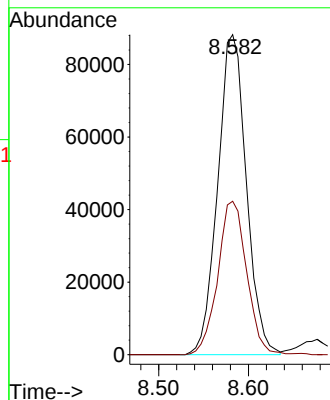
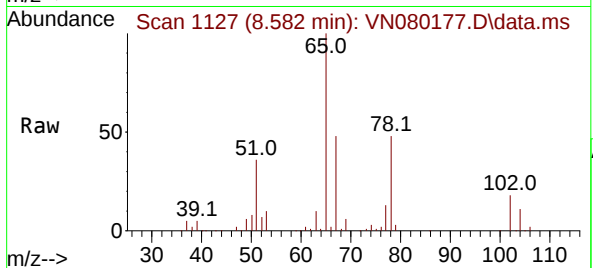
67 48.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

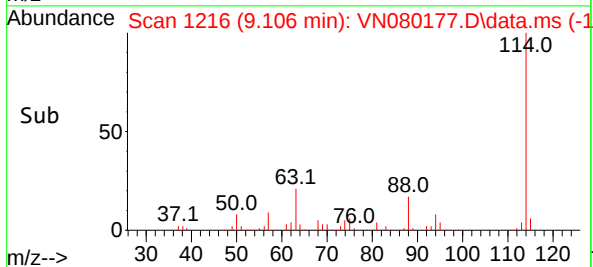
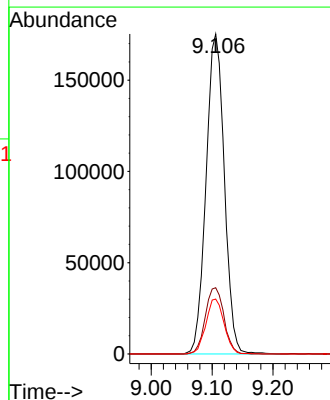
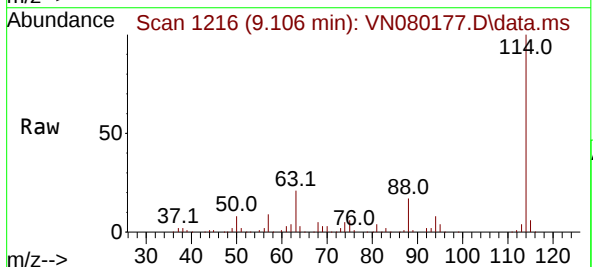
Tgt Ion:114 Resp: 365441

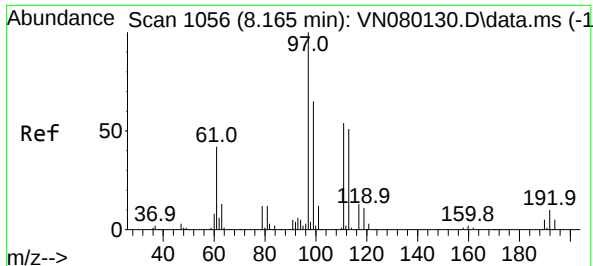
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

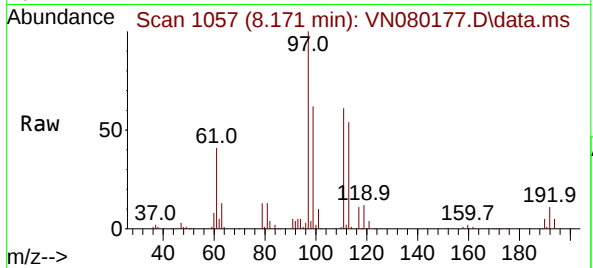
88 17.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.386 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

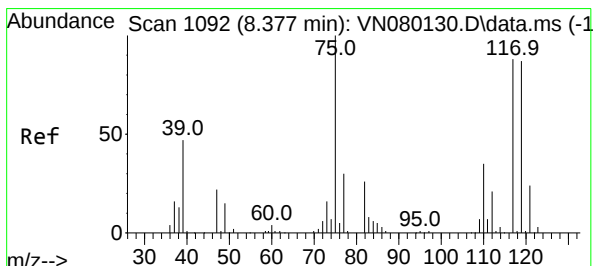
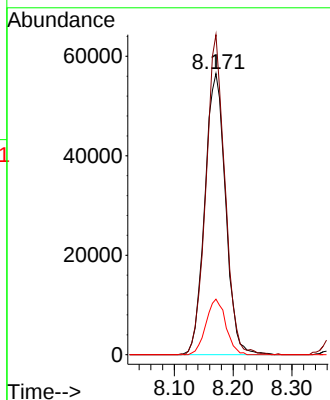
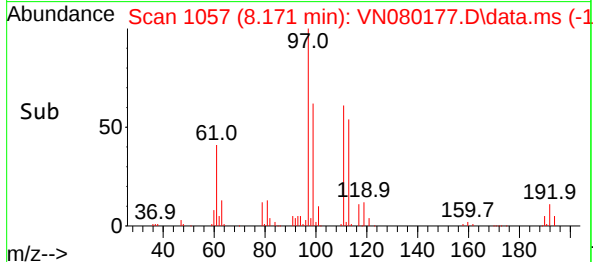
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



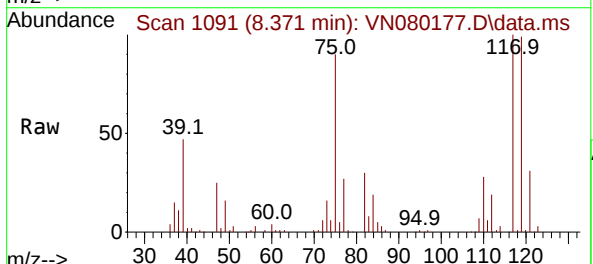
Tgt Ion: 113 Resp: 138562
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.8 12.7 19.1

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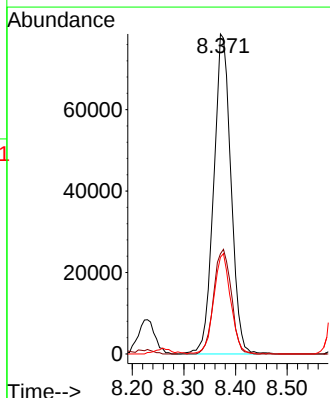
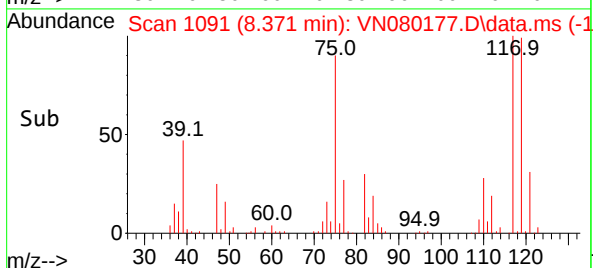
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

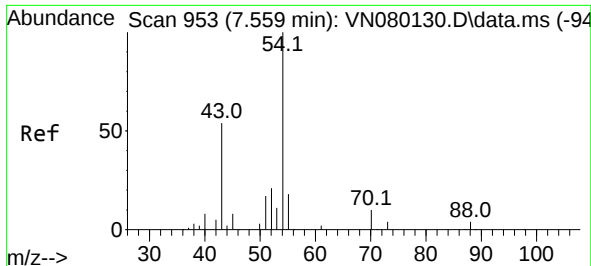


#36
1,1-Dichloropropene
Concen: 46.755 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion: 75 Resp: 182530
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 52.689 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 142679

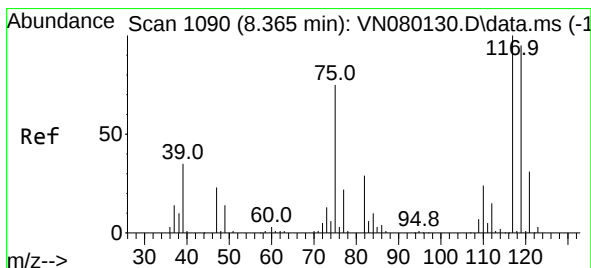
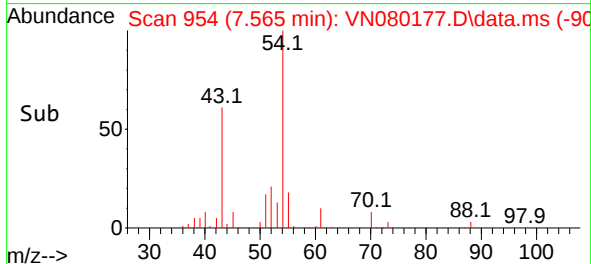
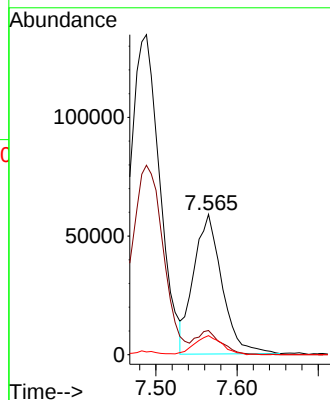
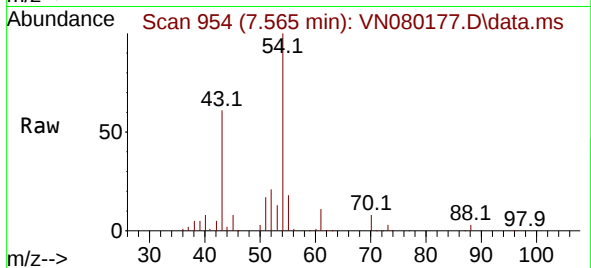
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	13.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 47.217 ug/l

RT: 8.365 min Scan# 1090

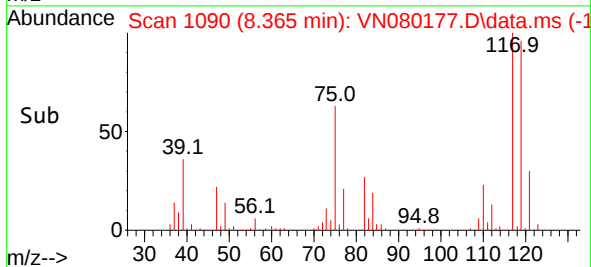
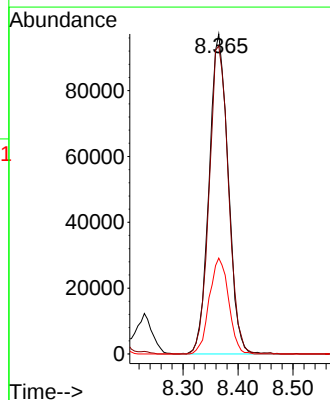
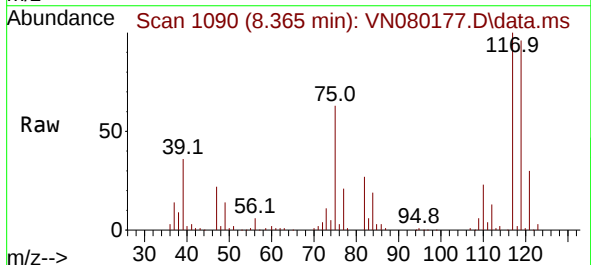
Delta R.T. -0.000 min

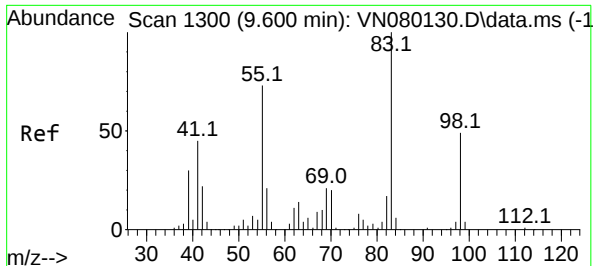
Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Tgt Ion:117 Resp: 233921

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	29.9	23.3	34.9





#39

Methylcyclohexane

Concen: 48.156 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18127

Ion Ratio Lower Upper

83 100

55 72.7 49.1 73.7

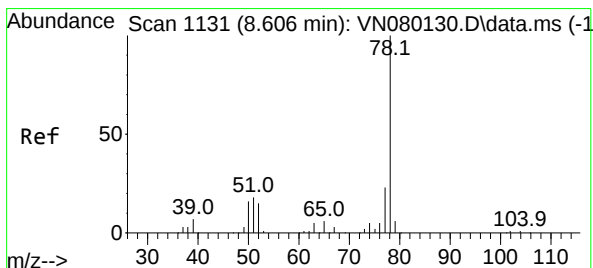
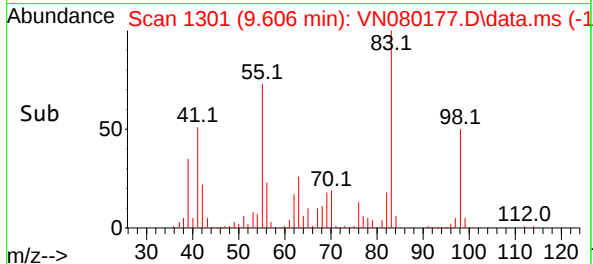
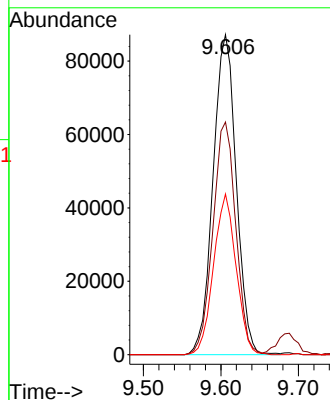
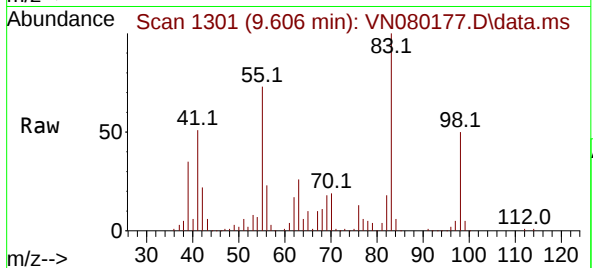
98 50.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 47.409 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080177.D

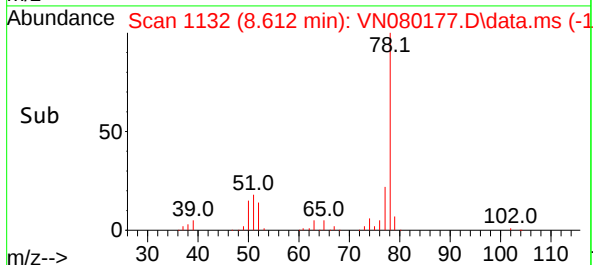
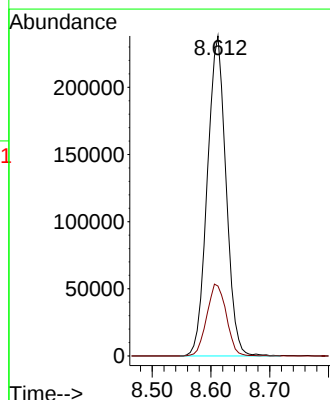
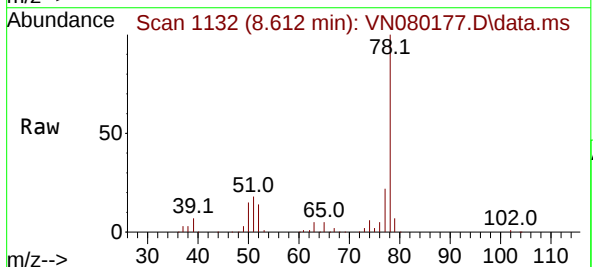
Acq: 17 Nov 2023 20:51

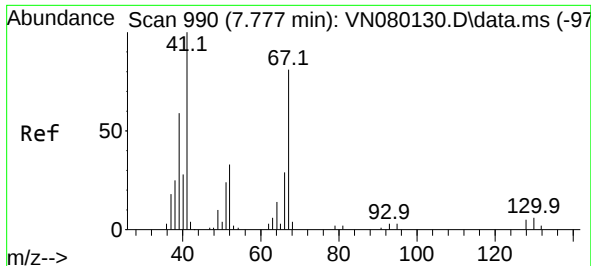
Tgt Ion: 78 Resp: 526029

Ion Ratio Lower Upper

78 100

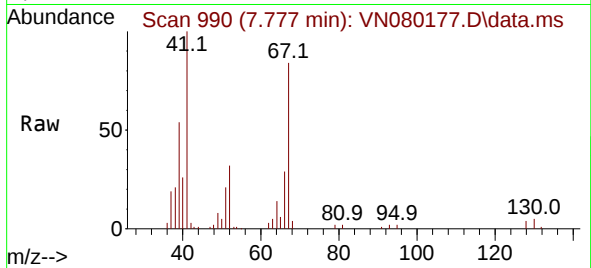
77 21.8 19.0 28.6





#41
Methacrylonitrile
Concen: 51.139 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

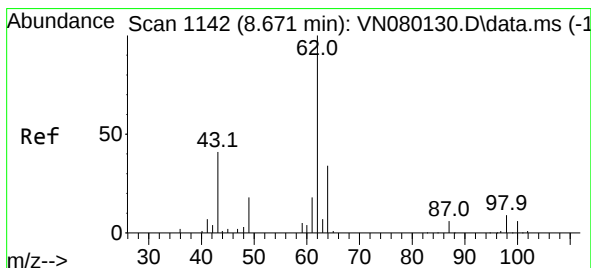
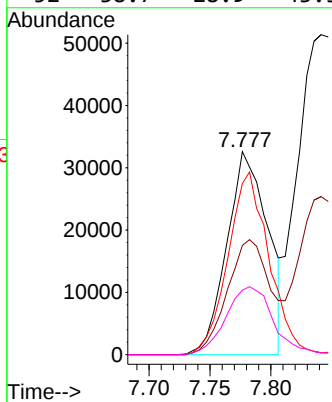
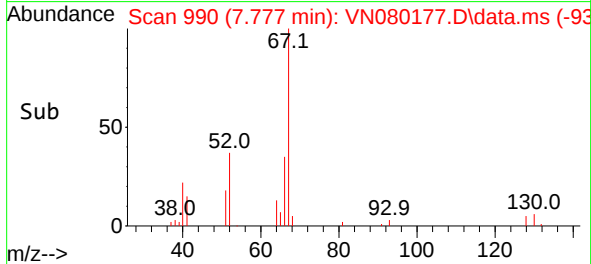
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



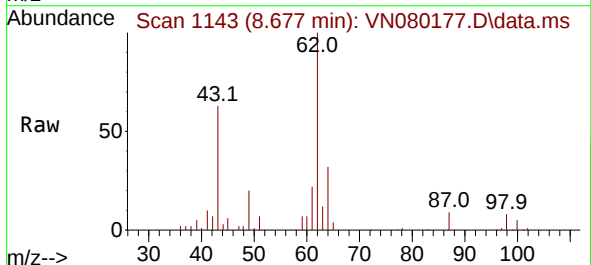
Tgt Ion: 41 Resp: 76050
Ion Ratio Lower Upper
41 100
39 62.1 42.6 64.0
67 90.8 77.5 116.3
52 38.7 28.9 43.3

Manual Integrations
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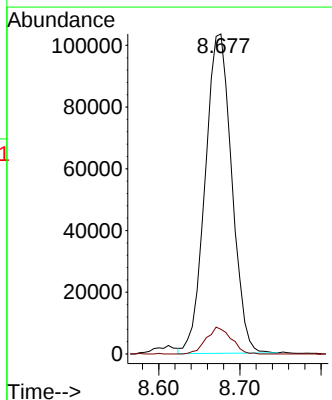
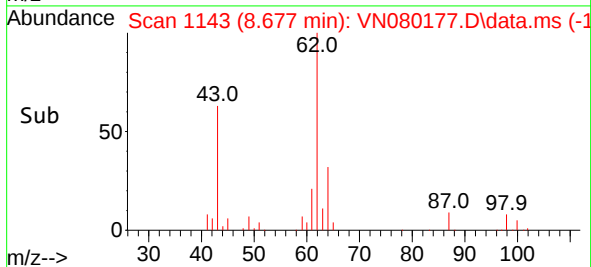
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

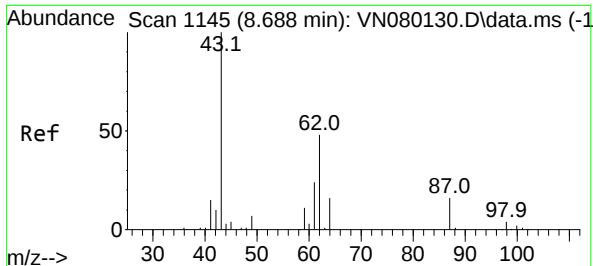


#42
1,2-Dichloroethane
Concen: 51.870 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



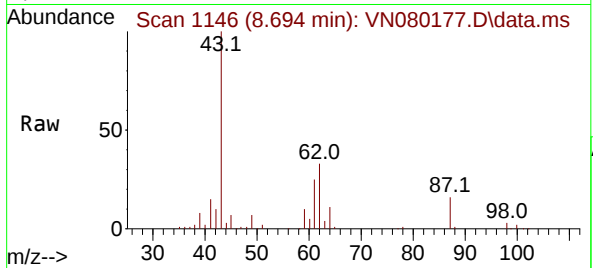
Tgt Ion: 62 Resp: 235460
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.604 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

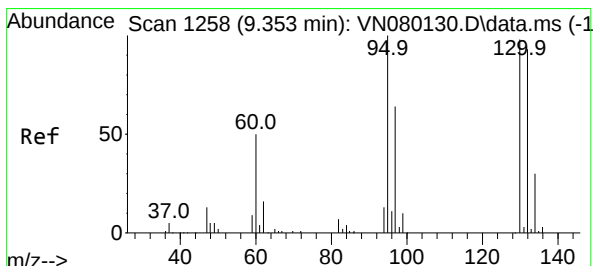
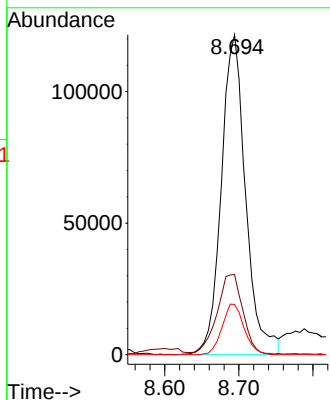
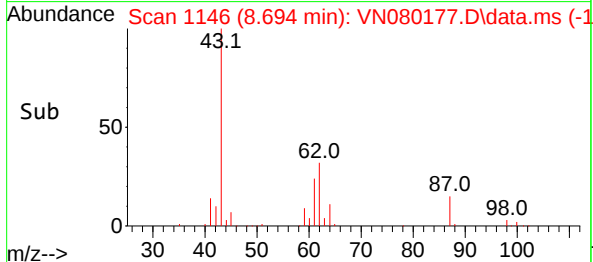
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



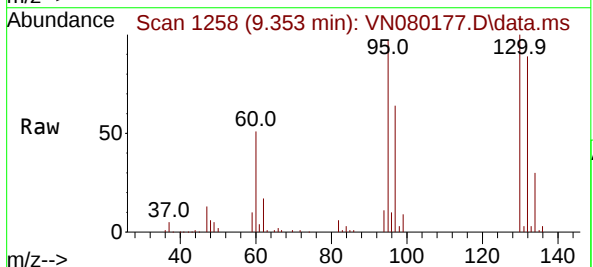
Tgt Ion: 43 Resp: 27720
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 14.3 14.6 21.8

Manual Integrations
APPROVED

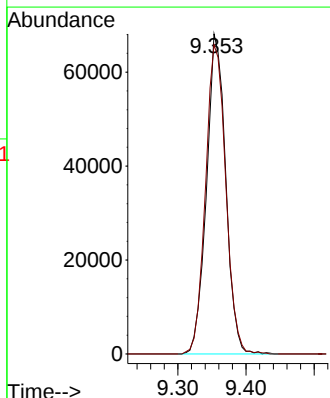
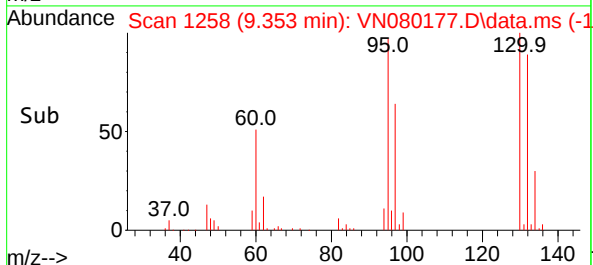
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

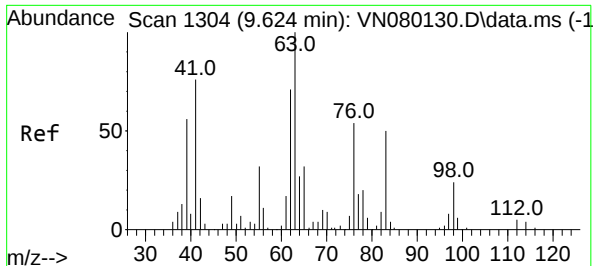


#44
Trichloroethene
Concen: 45.884 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion:130 Resp: 133546
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.415 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 124838

Ion Ratio Lower Upper

63 100

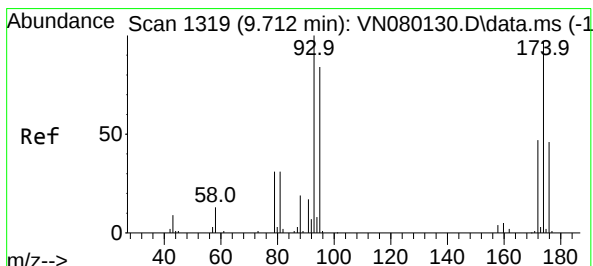
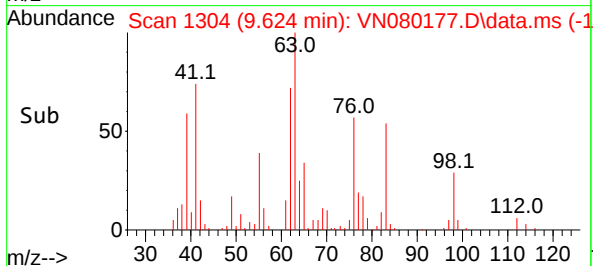
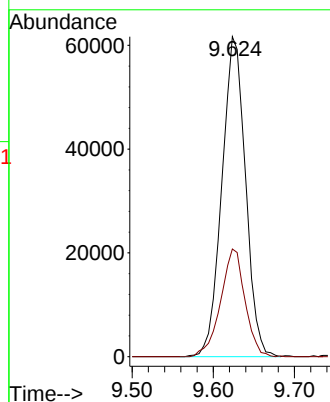
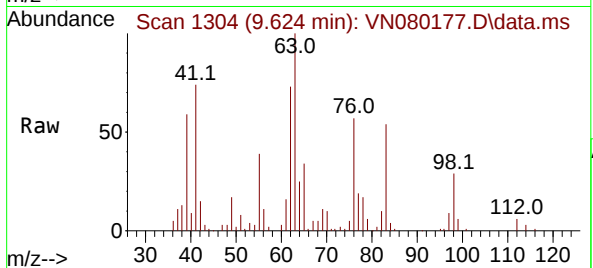
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 51.470 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

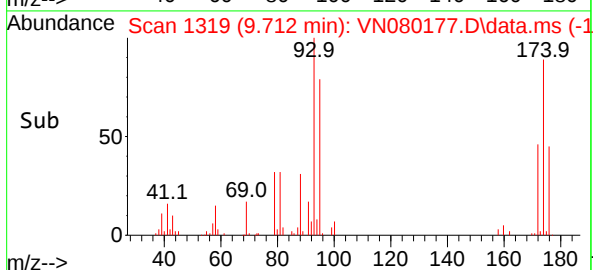
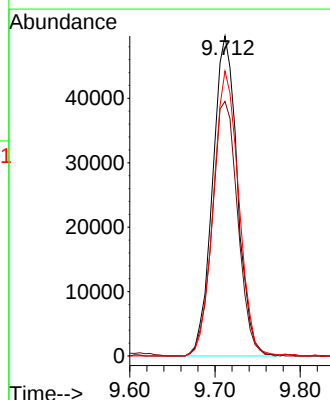
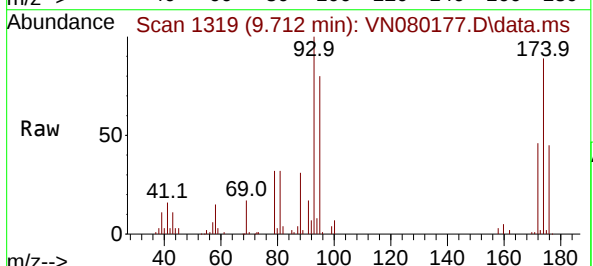
Tgt Ion: 93 Resp: 100461

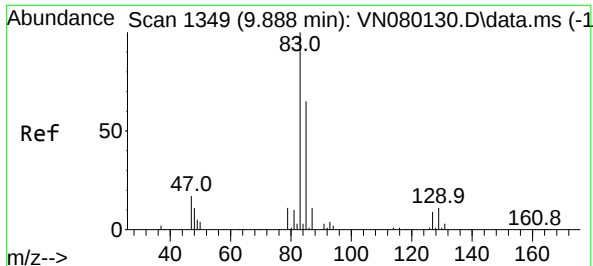
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

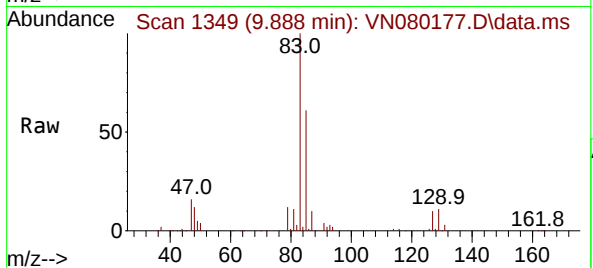
174 91.2 65.6 98.4





#47
Bromodichloromethane
Concen: 50.197 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

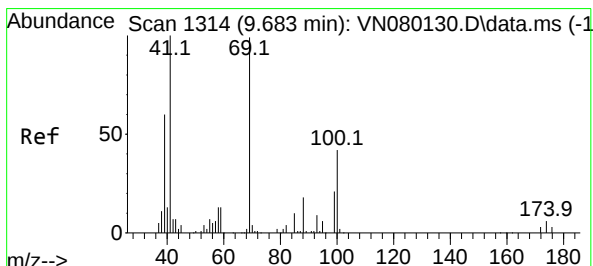
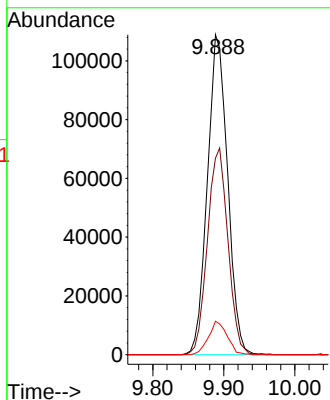
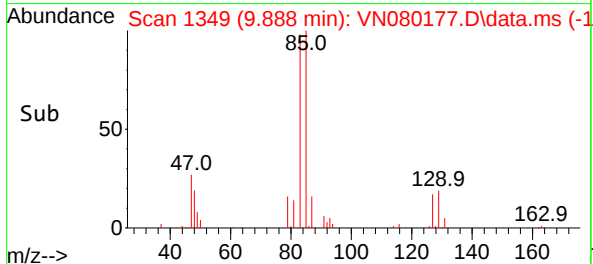
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



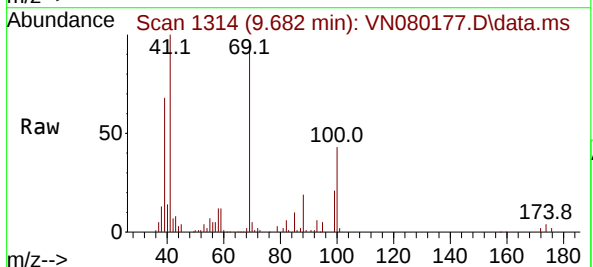
Tgt Ion: 83 Resp: 21552
Ion Ratio Lower Upper
83 100
85 61.4 49.6 74.4
127 10.4 7.0 10.6

Manual Integrations
APPROVED

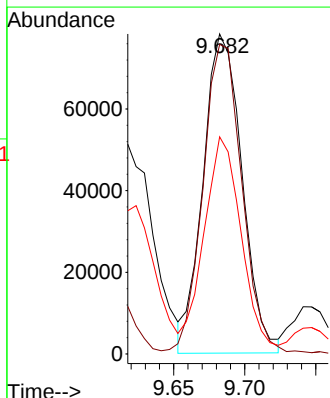
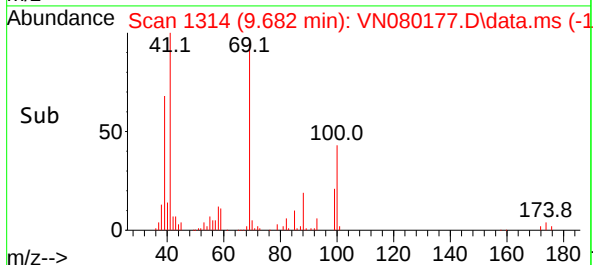
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

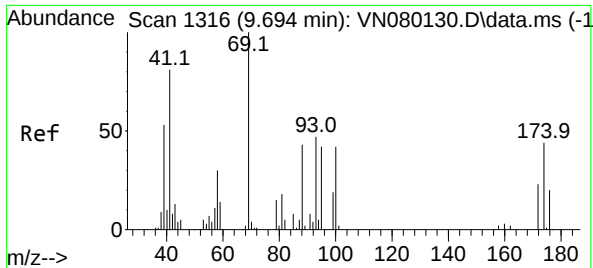


#48
Methyl methacrylate
Concen: 55.013 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



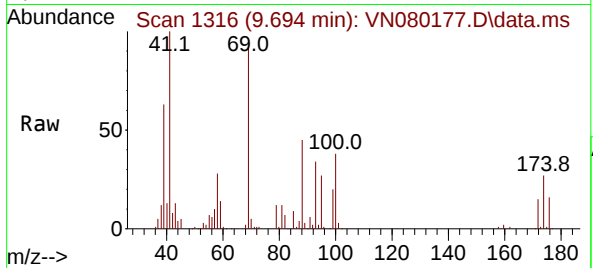
Tgt Ion: 41 Resp: 149394
Ion Ratio Lower Upper
41 100
69 97.3 90.4 135.6
39 65.7 54.6 81.8





#49
1,4-Dioxane
Concen: 1164.278 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

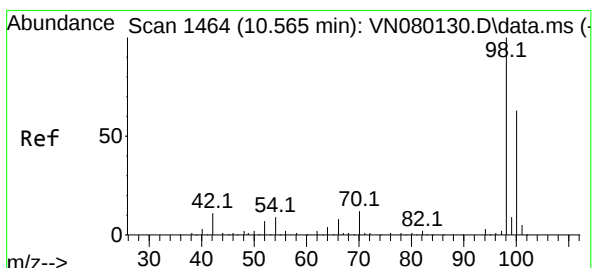
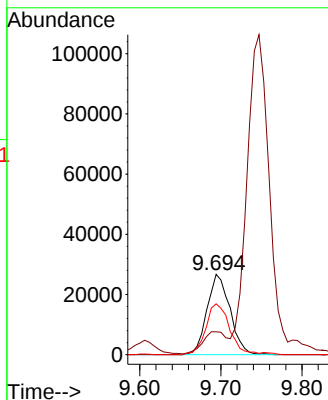
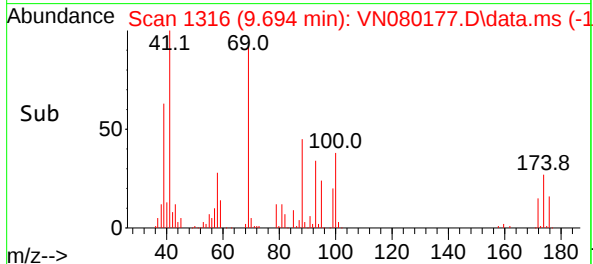
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



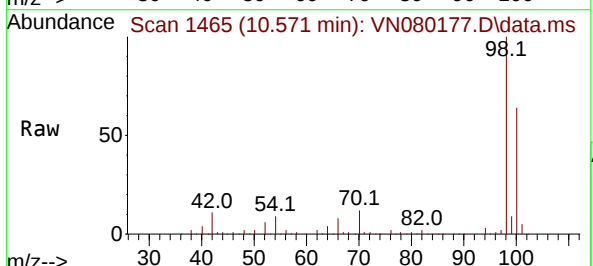
Tgt Ion: 88 Resp: 5259
Ion Ratio Lower Upper
88 100
43 30.2 17.0 25.6
58 65.0 47.0 70.4

Manual Integrations
APPROVED

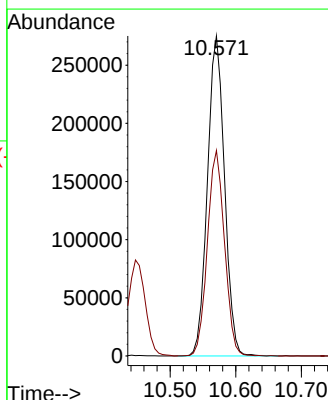
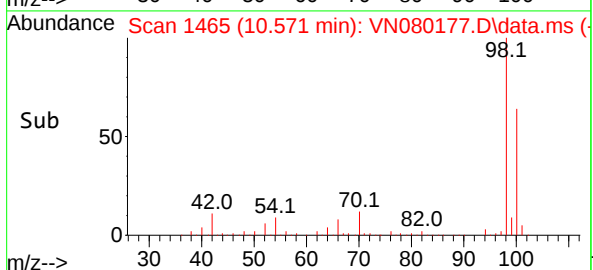
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

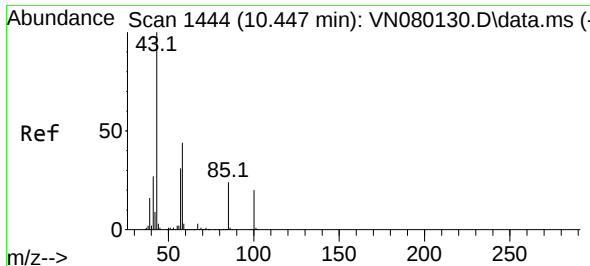


#50
Toluene-d8
Concen: 51.254 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



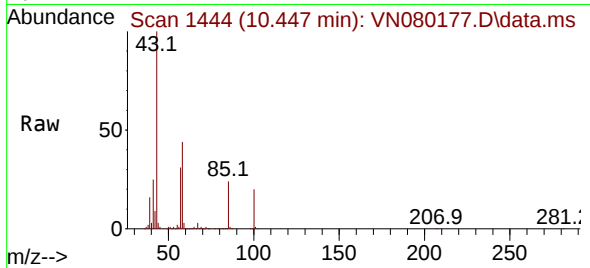
Tgt Ion: 98 Resp: 498201
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 269.798 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

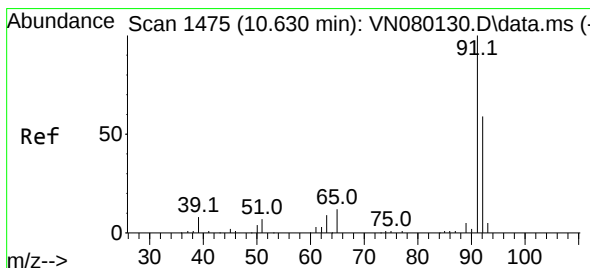
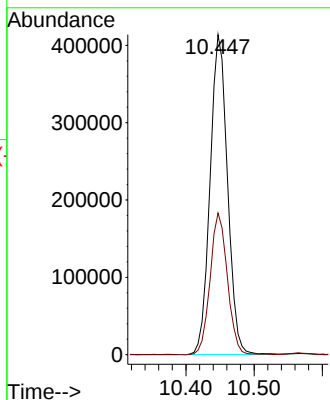
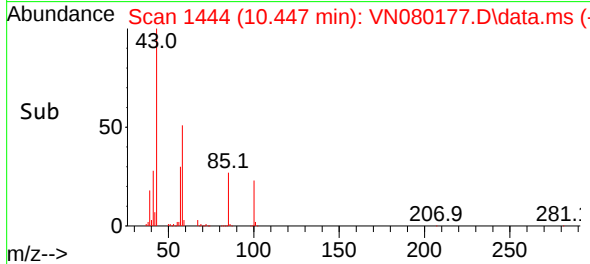
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



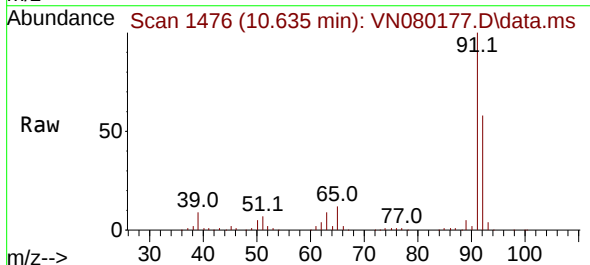
Tgt Ion: 43 Resp: 736050
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8

Manual Integrations
APPROVED

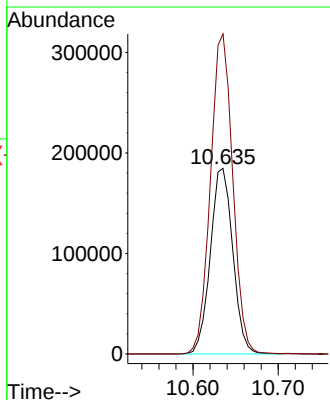
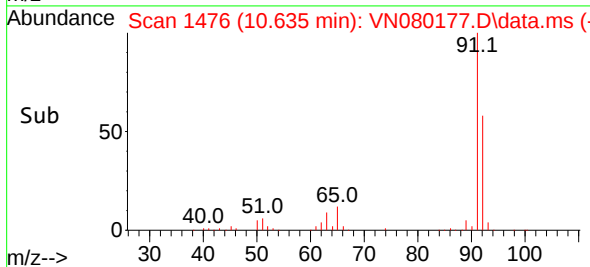
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

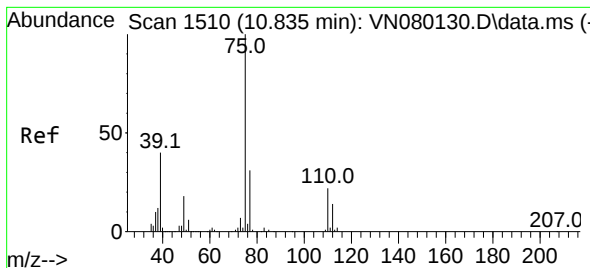


#52
Toluene
Concen: 48.712 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



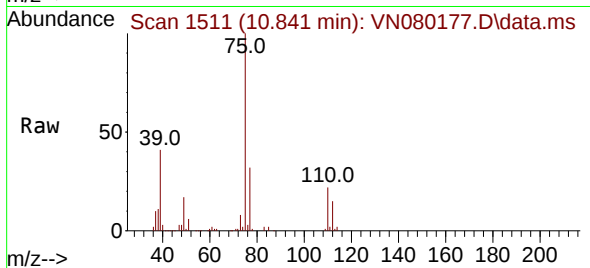
Tgt Ion: 92 Resp: 338250
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.482 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

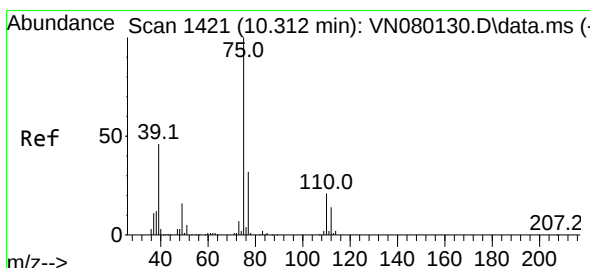
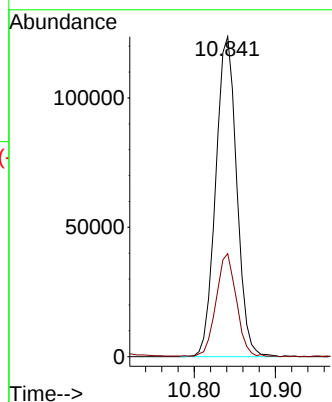
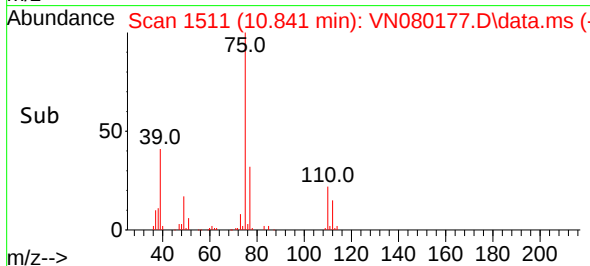
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



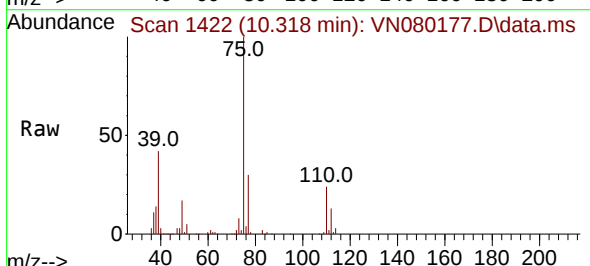
Tgt Ion: 75 Resp: 222690
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

Manual Integrations
APPROVED

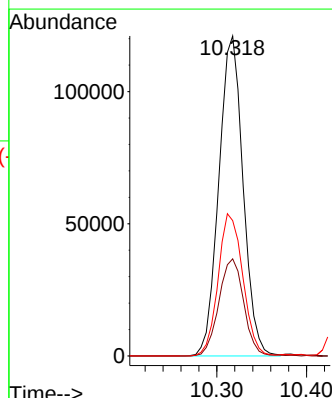
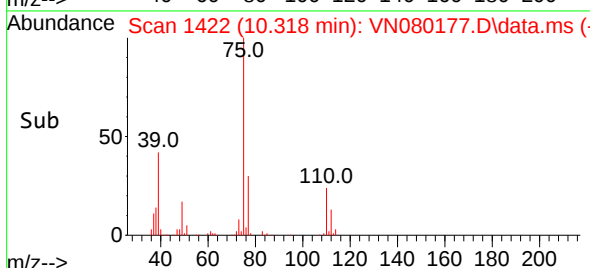
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

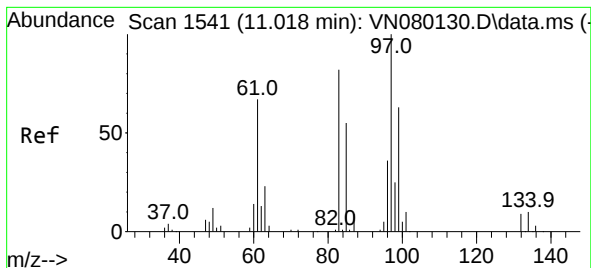


#54
cis-1,3-Dichloropropene
Concen: 50.293 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



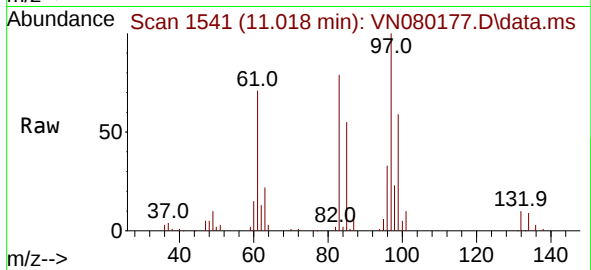
Tgt Ion: 75 Resp: 226658
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 42.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.969 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

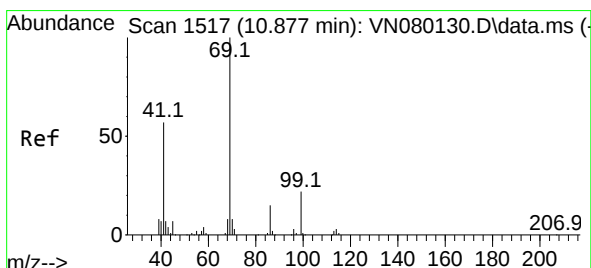
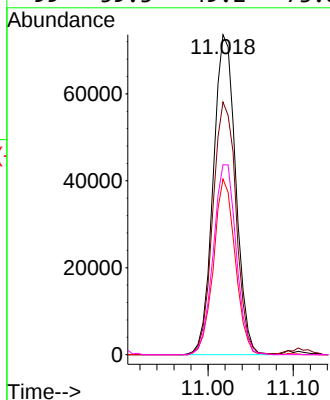
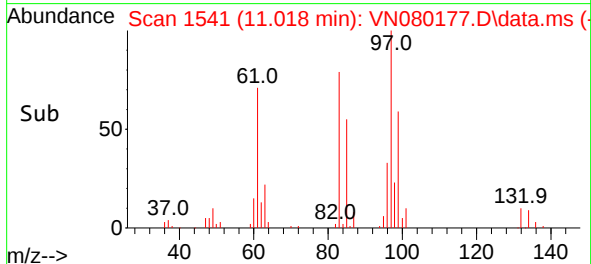
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



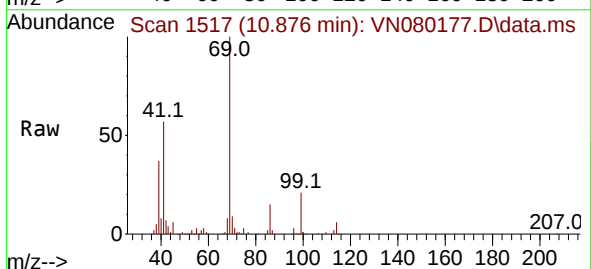
Tgt Ion: 97 Resp: 13508
Ion Ratio Lower Upper
97 100
83 79.0 65.1 97.7
85 54.9 43.4 65.2
99 59.3 49.2 73.8

Manual Integrations
APPROVED

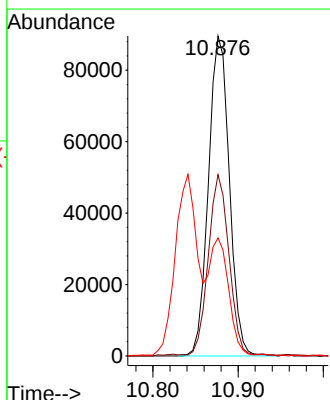
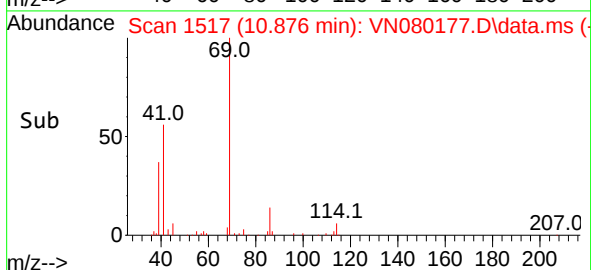
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

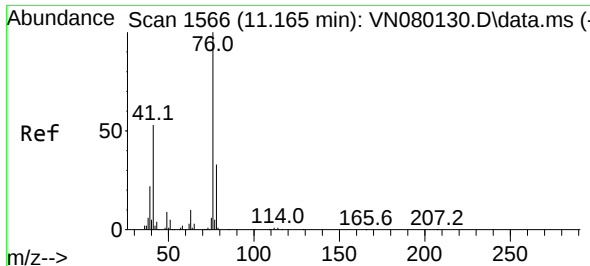


#56
Ethyl methacrylate
Concen: 56.342 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



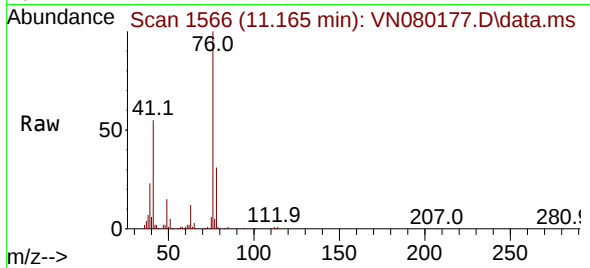
Tgt Ion: 69 Resp: 152544
Ion Ratio Lower Upper
69 100
41 55.5 39.6 59.4
39 35.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 49.946 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

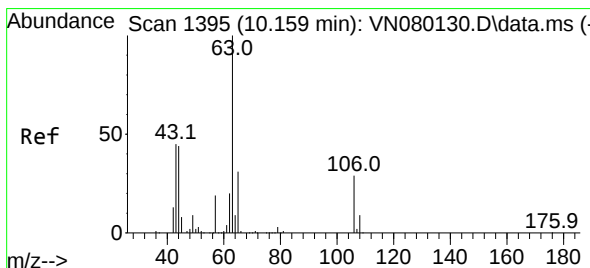
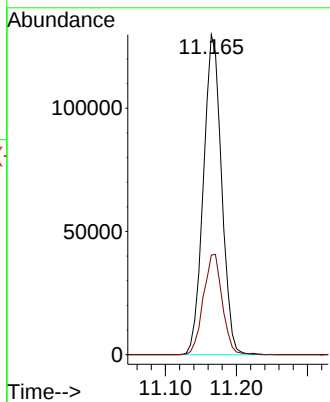
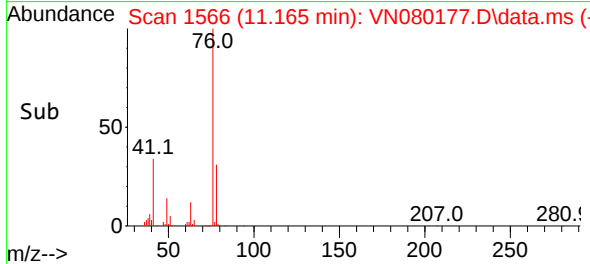
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



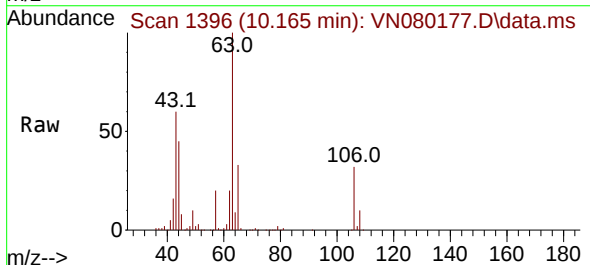
Tgt Ion: 76 Resp: 23111
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

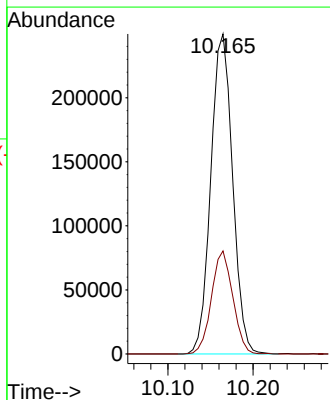
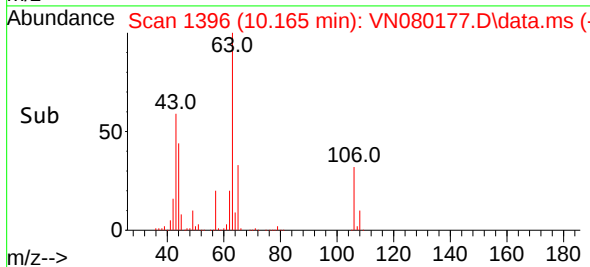
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

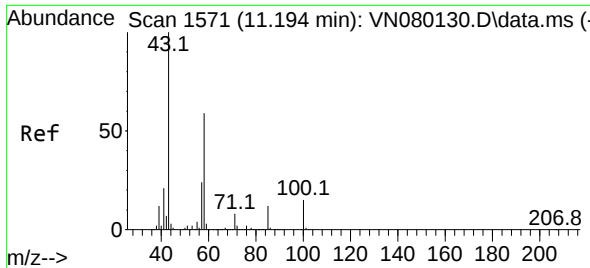


#58
2-Chloroethyl Vinyl ether
Concen: 291.098 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



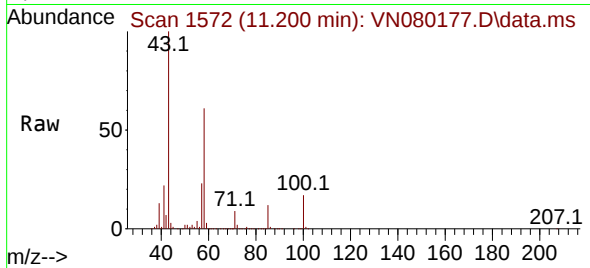
Tgt Ion: 63 Resp: 444012
Ion Ratio Lower Upper
63 100
106 31.5 26.2 39.4





#59
2-Hexanone
Concen: 247.247 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

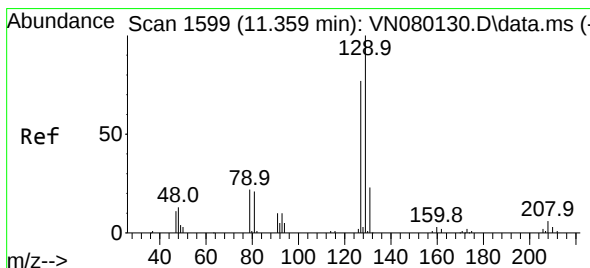
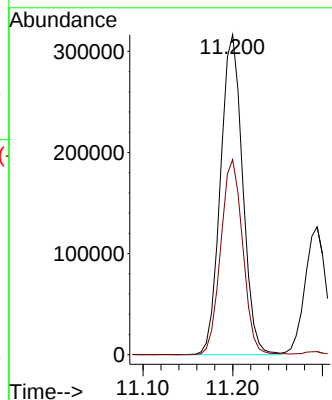
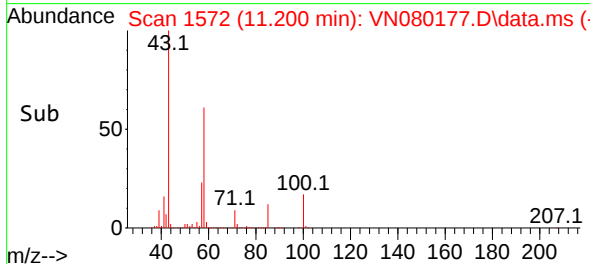
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 54202
Ion Ratio Lower Upper
43 100
58 60.6 31.7 95.1

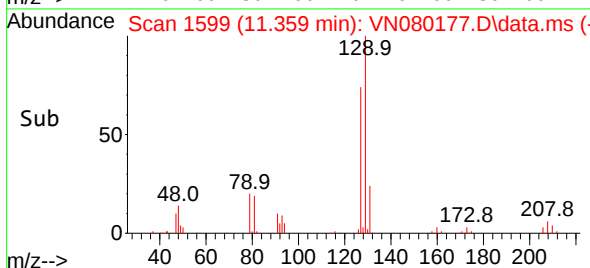
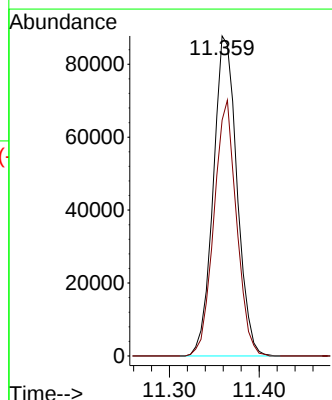
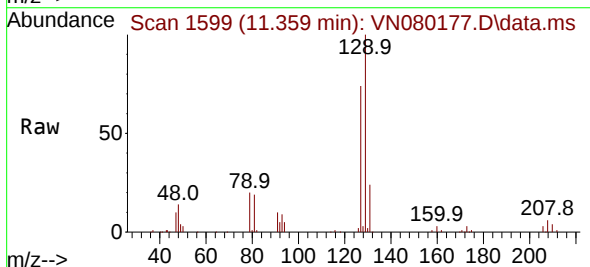
Manual Integrations
APPROVED

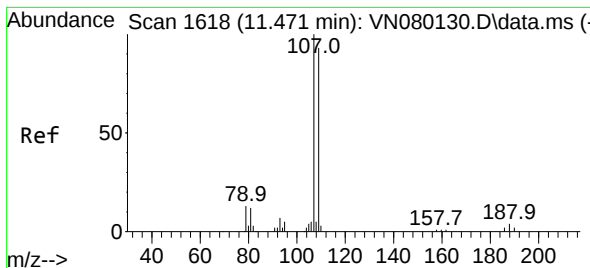
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 50.707 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion:129 Resp: 160888
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





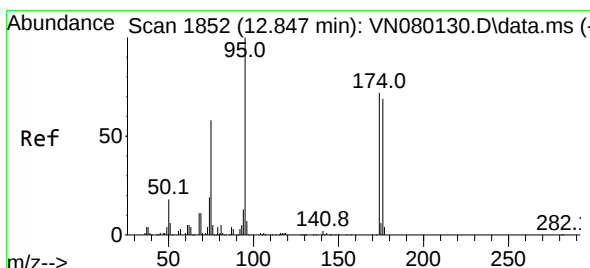
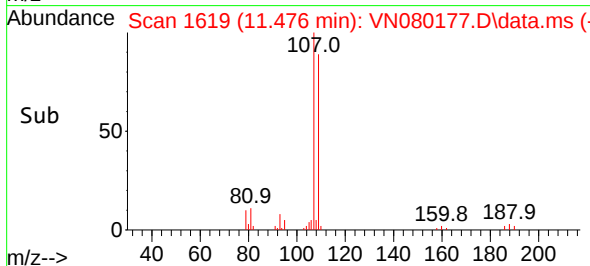
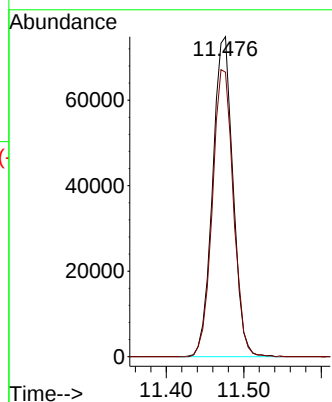
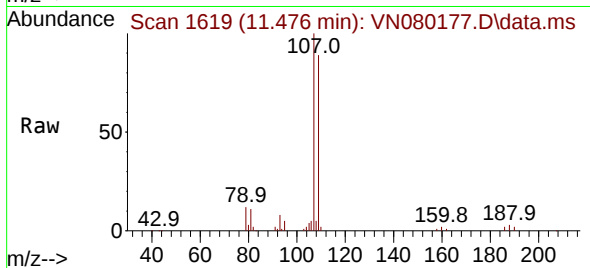
#61
1,2-Dibromoethane
Concen: 50.612 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 13684
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8

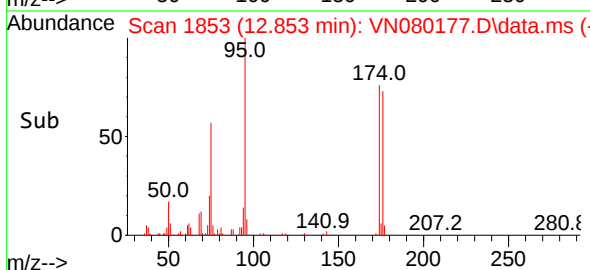
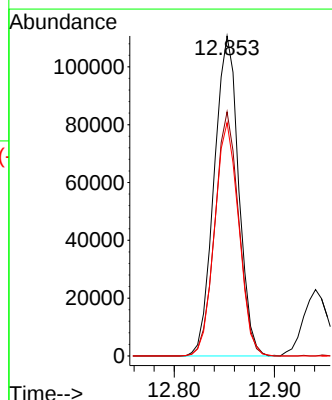
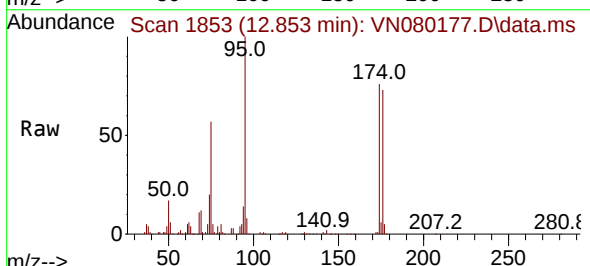
Manual Integrations
APPROVED

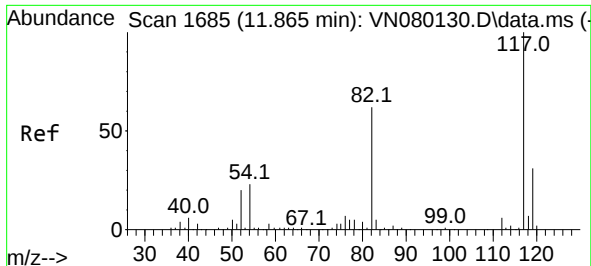
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 51.141 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion: 95 Resp: 187763
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.9 0.0 135.8





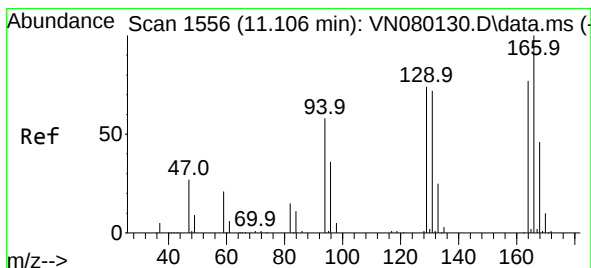
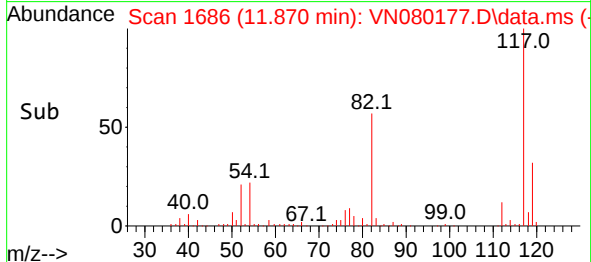
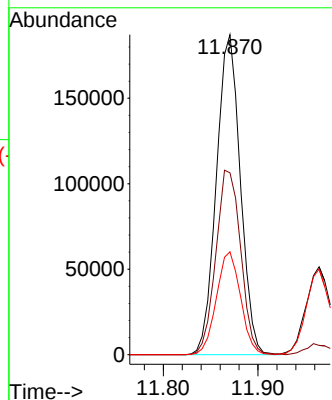
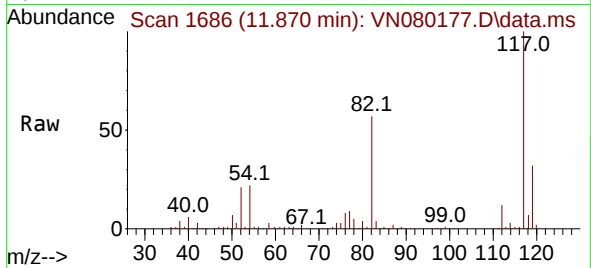
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 329169
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.2 25.6 38.4

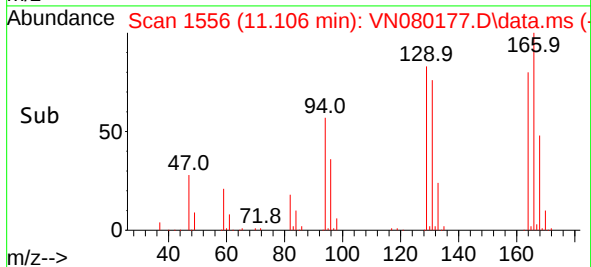
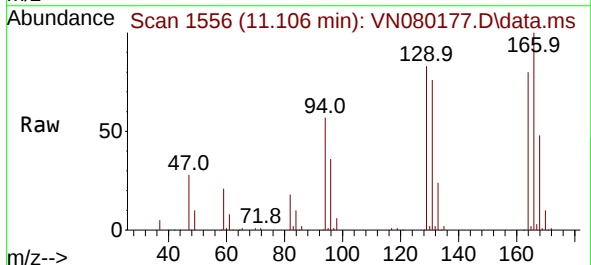
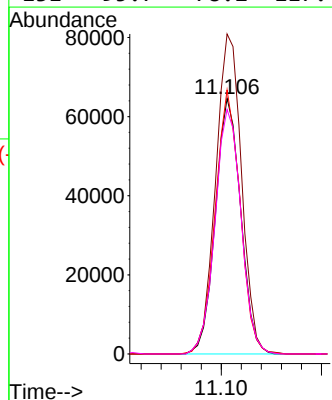
Manual Integrations
APPROVED

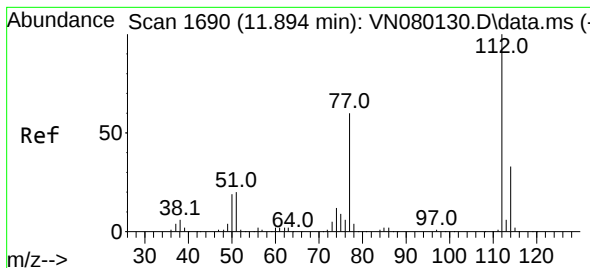
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 44.901 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion:164 Resp: 112797
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 103.4 82.4 123.6
131 95.7 78.2 117.4





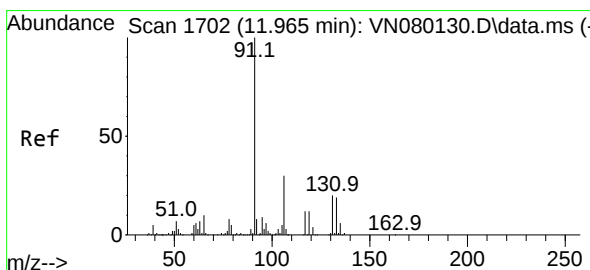
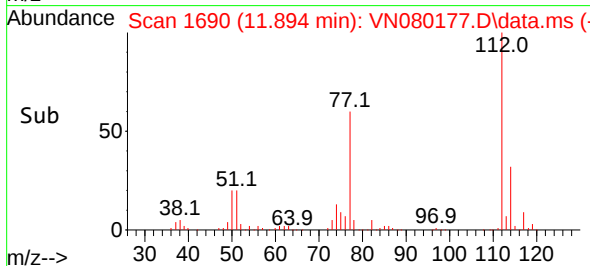
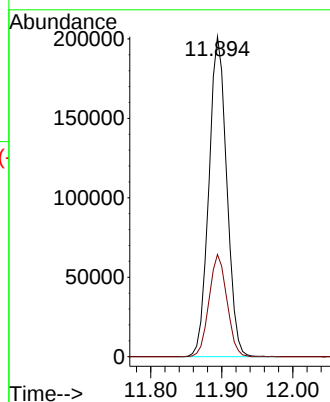
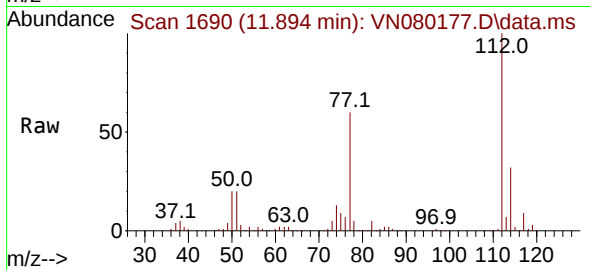
#65
Chlorobenzene
Concen: 47.159 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 35174
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

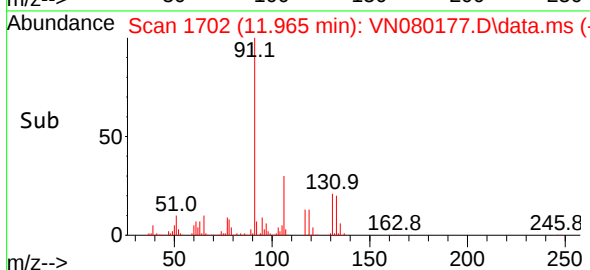
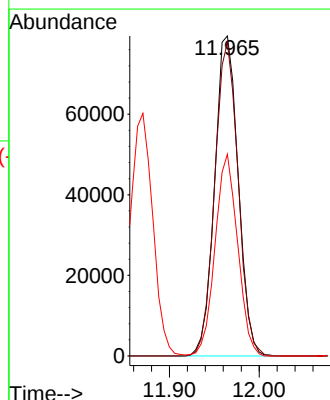
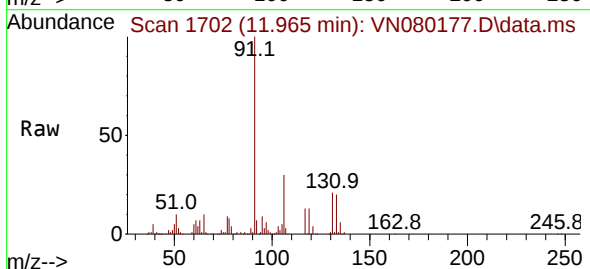
Manual Integrations
APPROVED

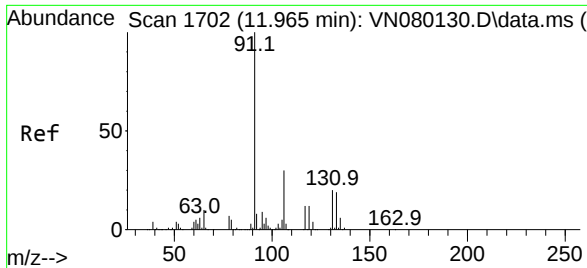
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.028 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

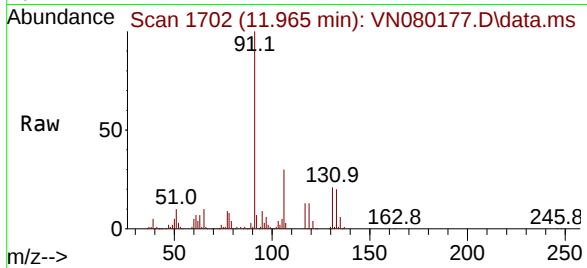
Tgt Ion:131 Resp: 144805
Ion Ratio Lower Upper
131 100
133 97.3 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 49.122 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

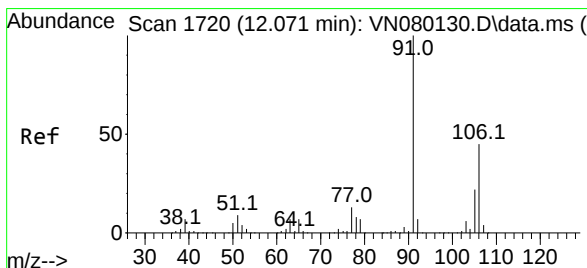
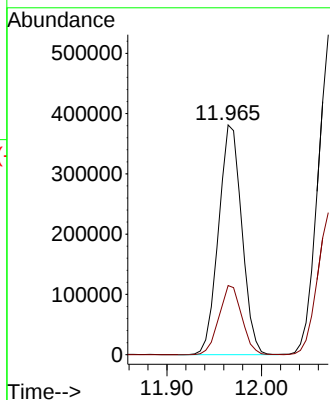
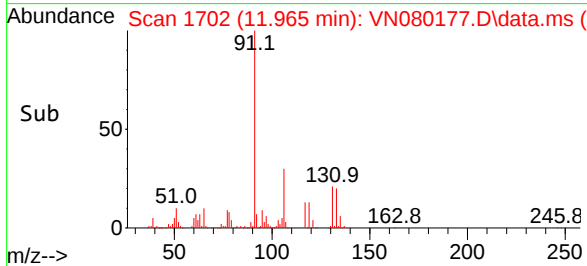
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



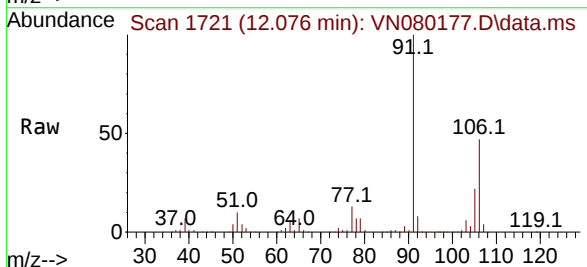
Tgt Ion: 91 Resp: 651970
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

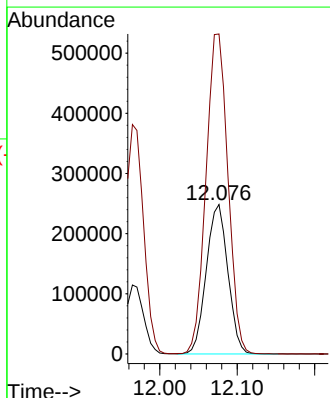
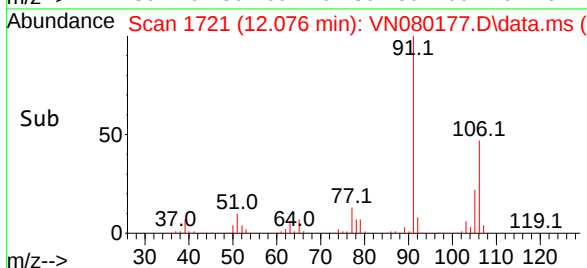
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 99.578 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion:106 Resp: 481881
Ion Ratio Lower Upper
106 100
91 218.0 159.6 239.4





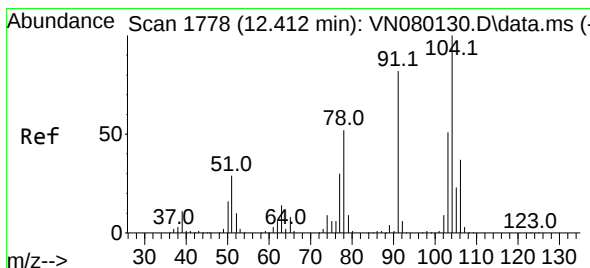
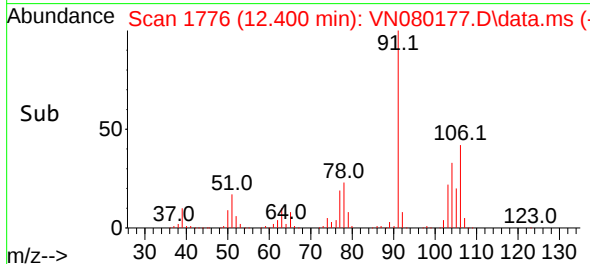
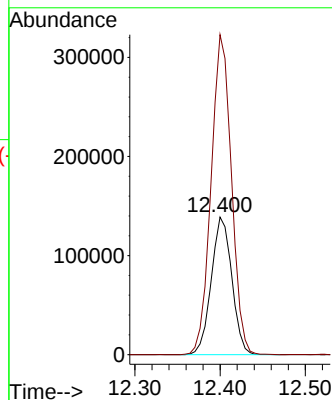
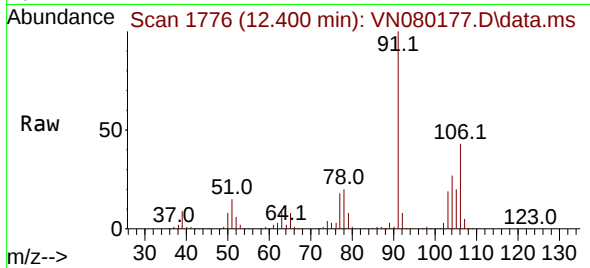
#69
o-Xylene
Concen: 50.999 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 232584
Ion Ratio Lower Upper
106 100
91 230.6 105.2 315.5

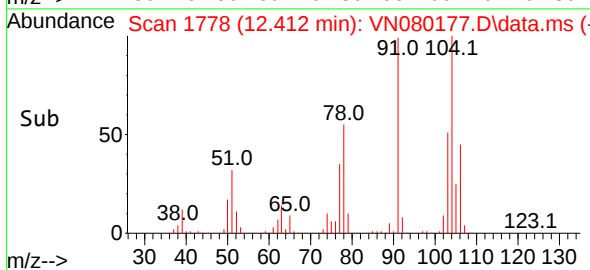
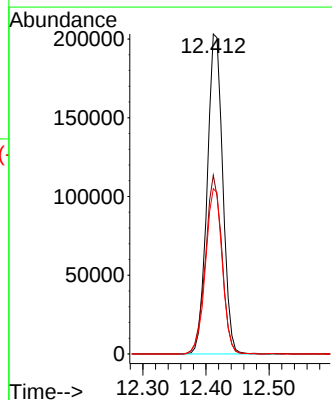
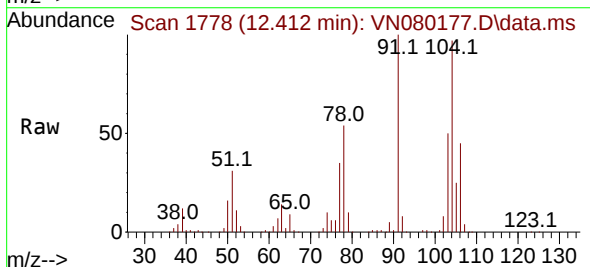
Manual Integrations
APPROVED

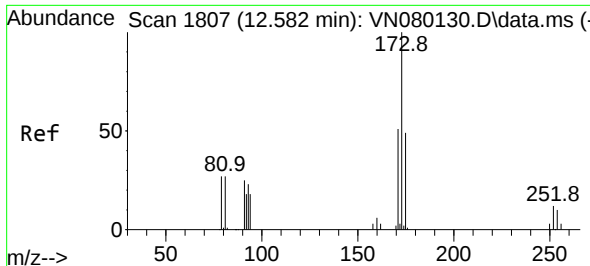
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 51.188 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

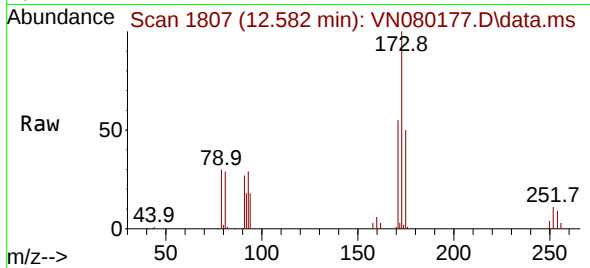
Tgt Ion:104 Resp: 347462
Ion Ratio Lower Upper
104 100
78 58.9 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 51.493 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

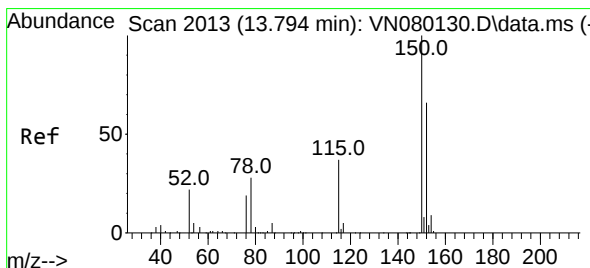
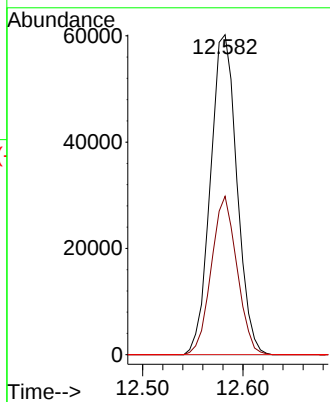
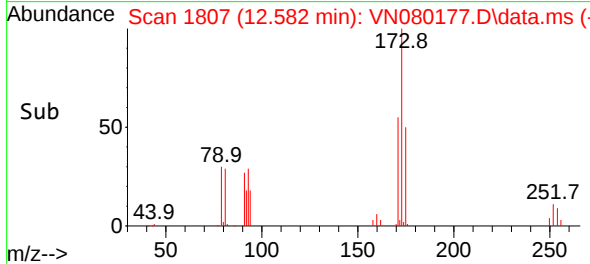
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



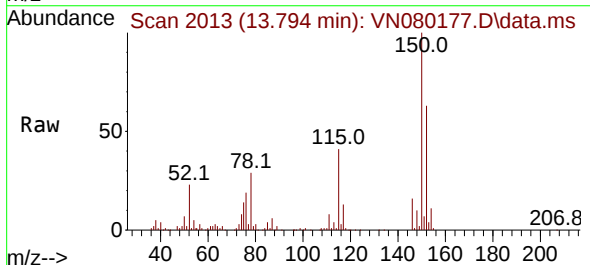
Tgt Ion:173 Resp: 110529
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

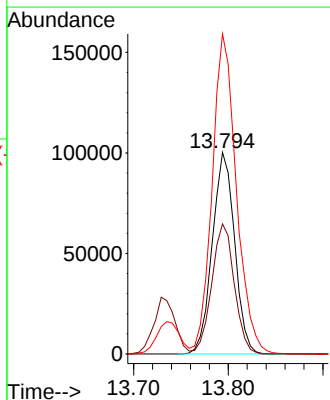
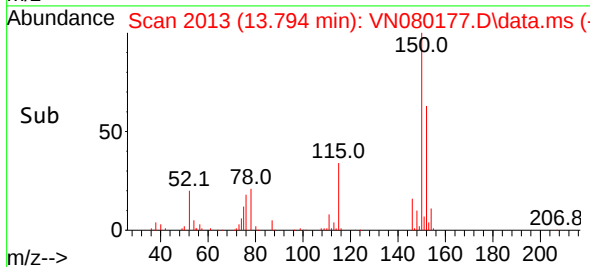
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

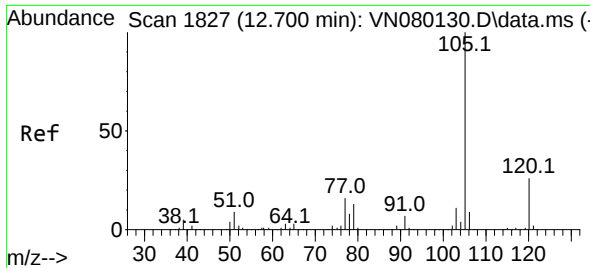


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion:152 Resp: 164158
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 172.0 0.0 355.8





#73
Isopropylbenzene
Concen: 48.368 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

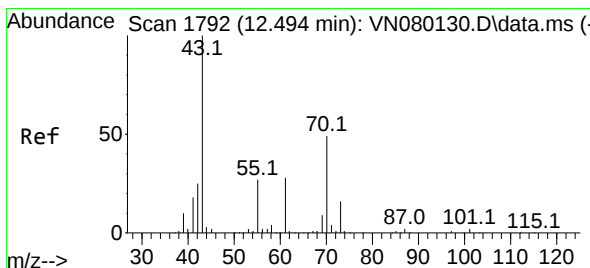
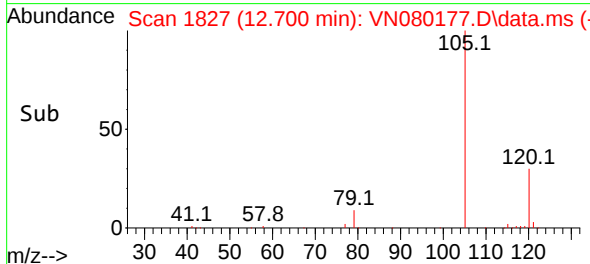
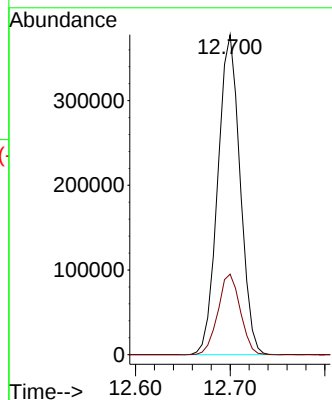
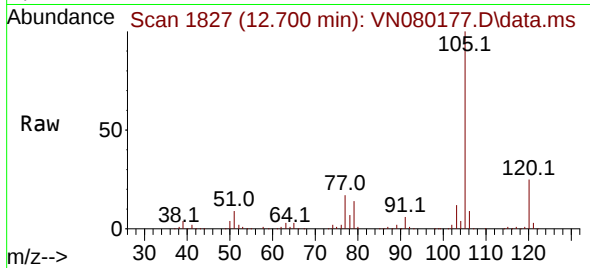
VSTDCCC050EC

Tgt Ion:105 Resp: 617000
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

Manual Integrations

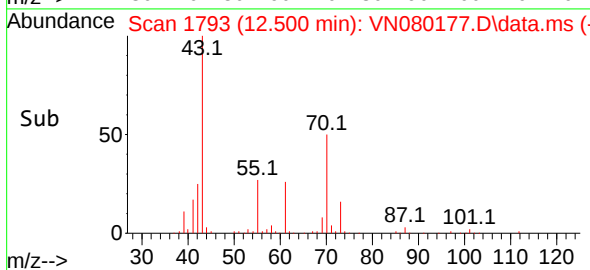
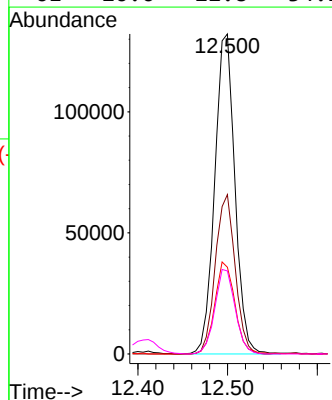
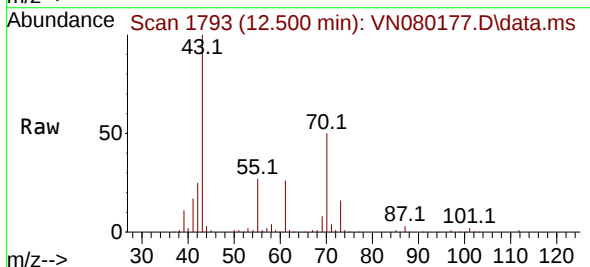
APPROVED

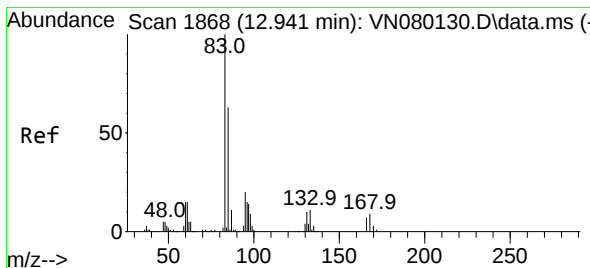
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 51.920 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

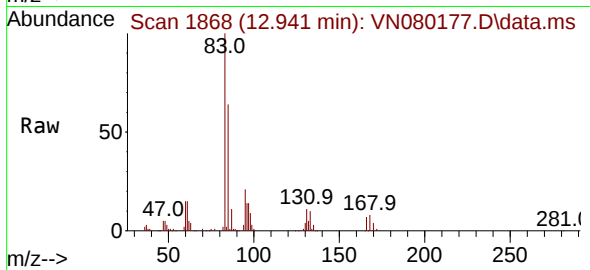
Tgt Ion: 43 Resp: 206536
Ion Ratio Lower Upper
43 100
70 48.9 43.4 65.2
55 28.8 21.4 32.0
61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.380 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

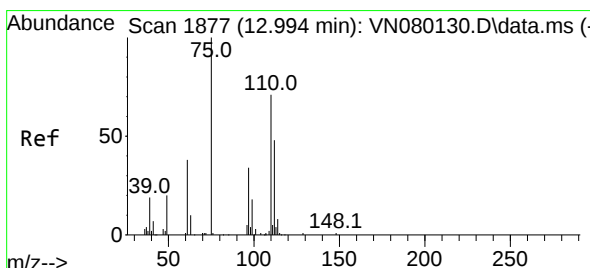
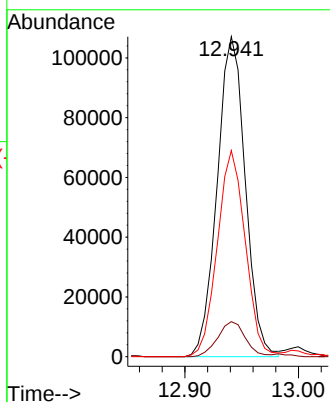
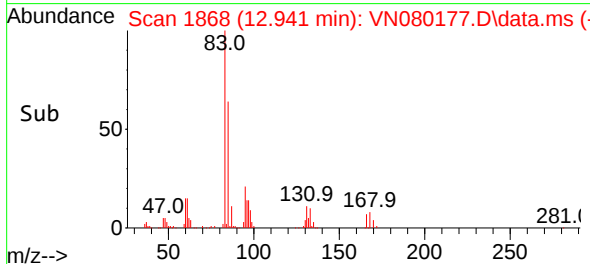
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



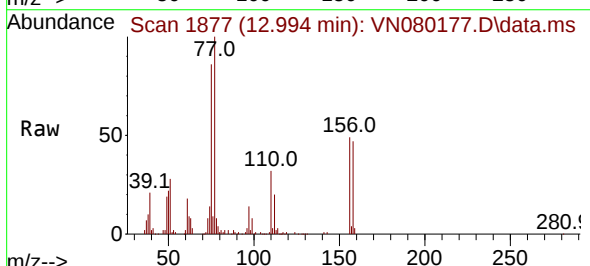
Tgt Ion: 83 Resp: 184712
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

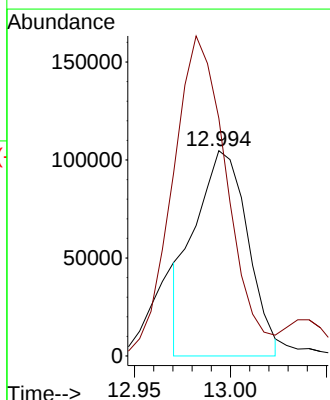
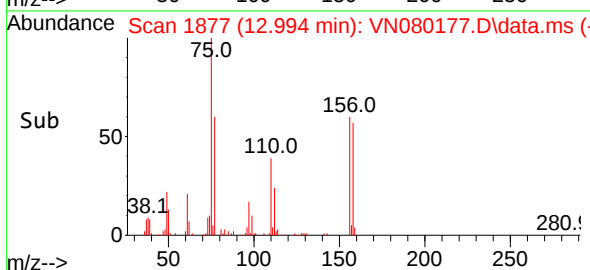
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

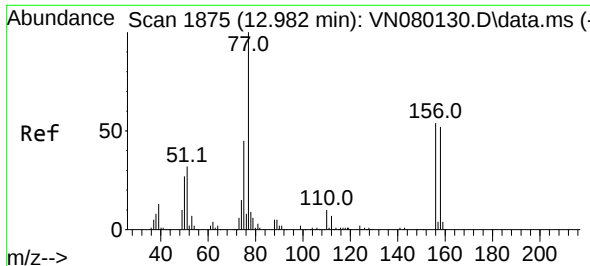


#76
1,2,3-Trichloropropane
Concen: 49.976 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



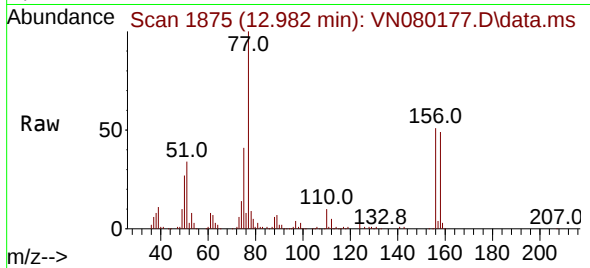
Tgt Ion: 75 Resp: 201010
Ion Ratio Lower Upper
75 100
77 161.2 84.5 253.5





#77
Bromobenzene
Concen: 45.860 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

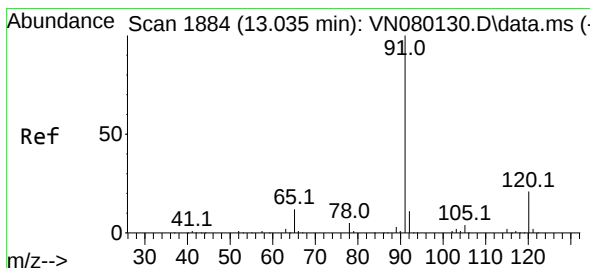
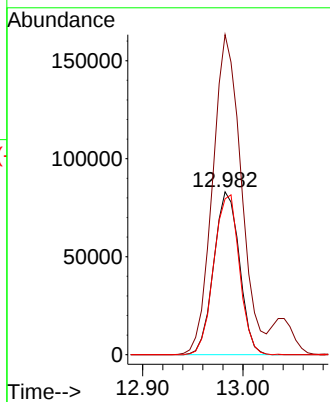
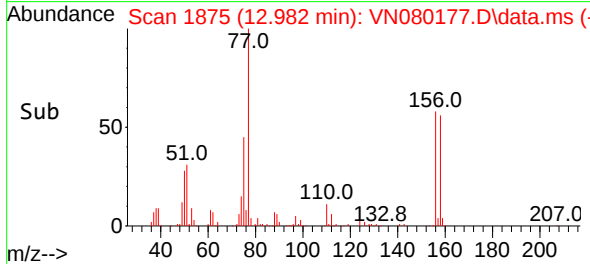
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



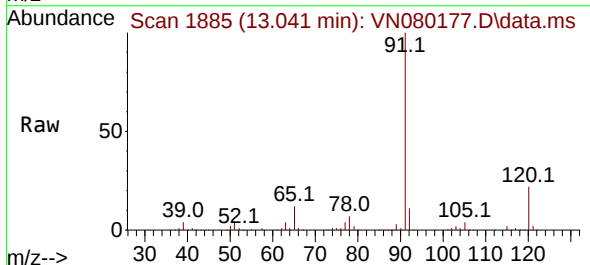
Tgt Ion:156 Resp: 147493
Ion Ratio Lower Upper
156 100
77 219.7 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
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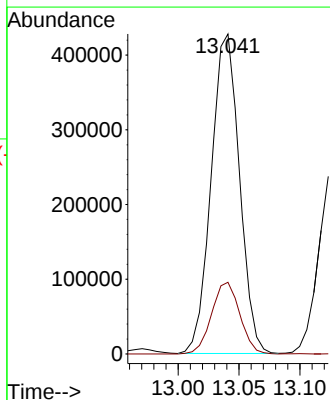
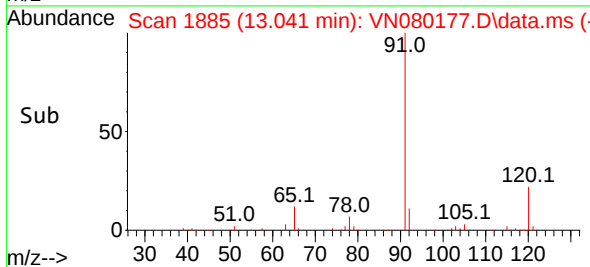
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

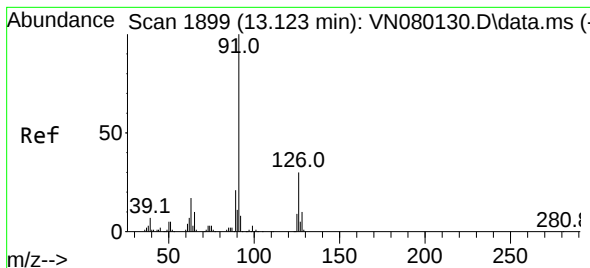


#78
n-propylbenzene
Concen: 48.545 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



Tgt Ion: 91 Resp: 692473
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





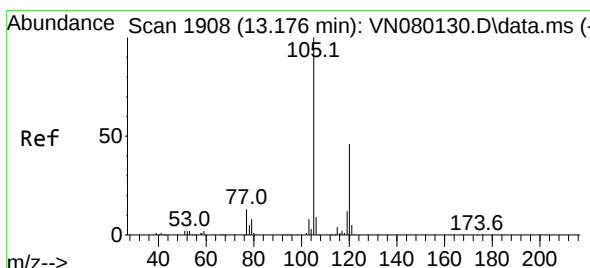
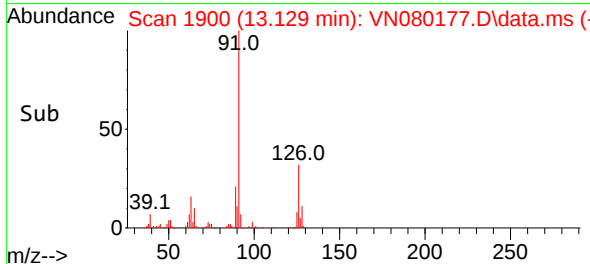
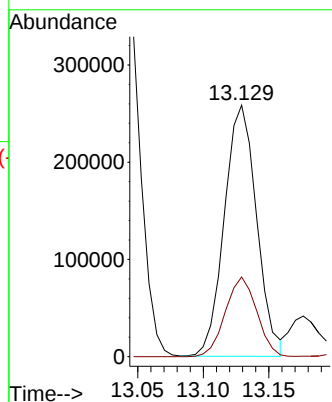
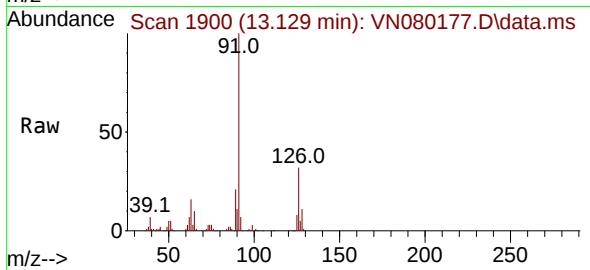
#79
2-Chlorotoluene
Concen: 47.731 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 442209
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

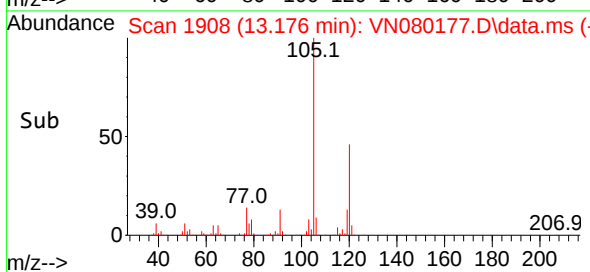
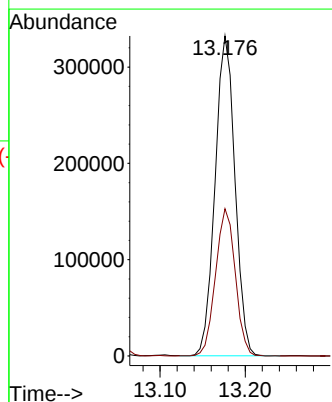
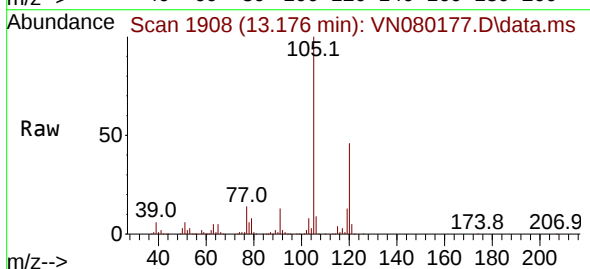
Manual Integrations
APPROVED

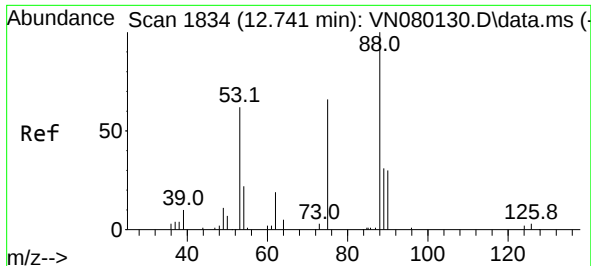
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.438 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

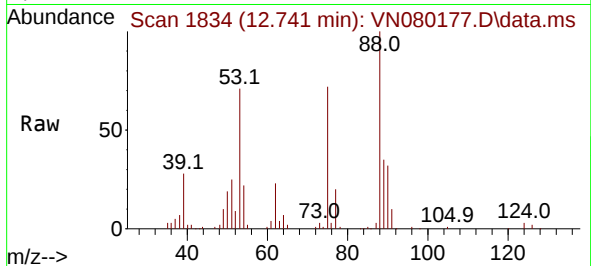
Tgt Ion:105 Resp: 537871
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.495 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

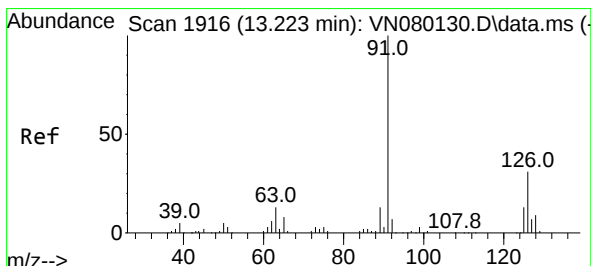
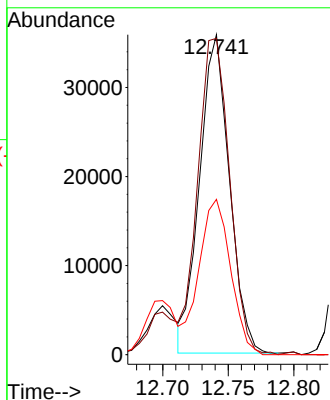
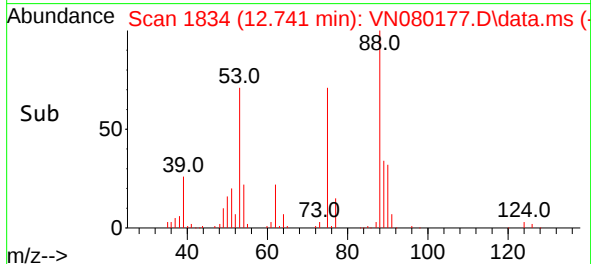
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 56542
Ion Ratio Lower Upper
75 100
53 106.2 67.4 101.2
89 52.4 38.8 58.2

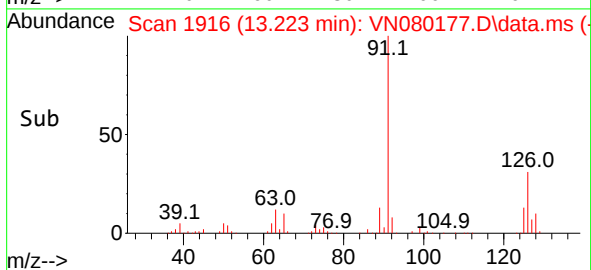
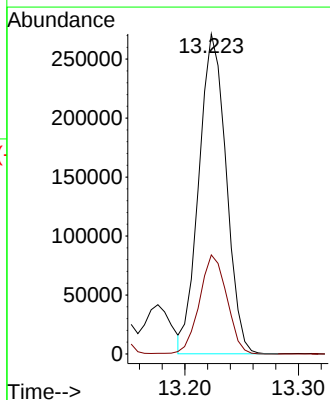
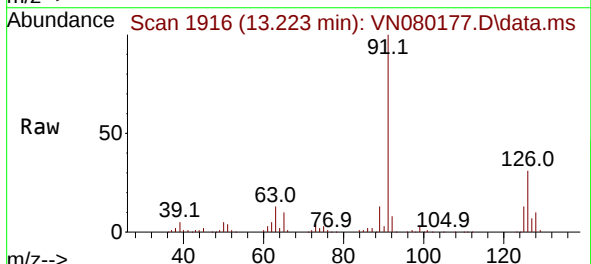
Manual Integrations
APPROVED

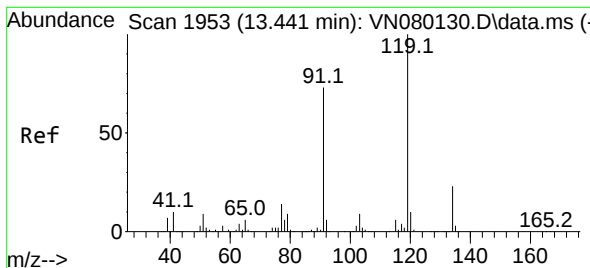
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 47.630 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion: 91 Resp: 452063
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 50.341 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

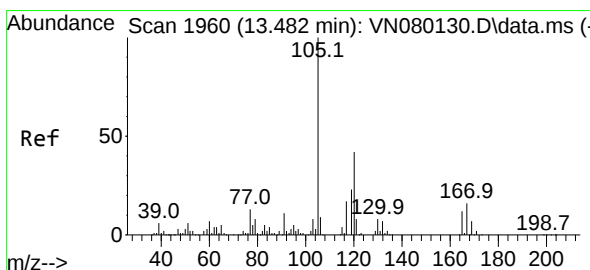
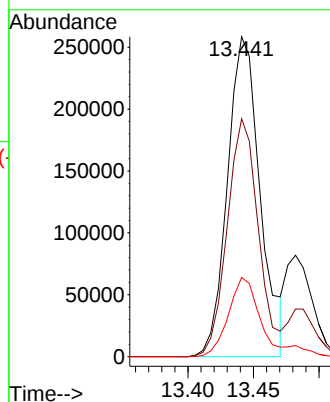
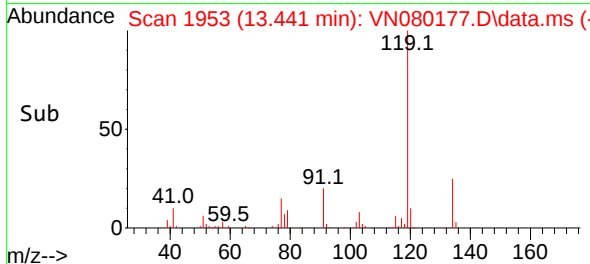
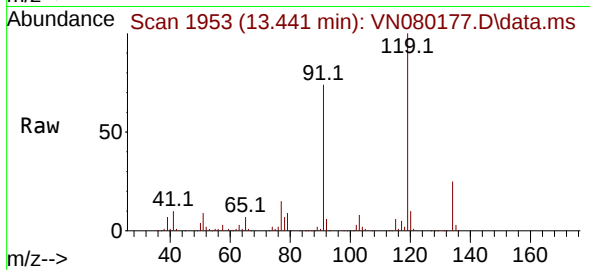
Tgt Ion:119 Resp: 44828
 Ion Ratio Lower Upper
 119 100
 91 70.9 33.9 101.7
 134 25.6 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.669 ug/l

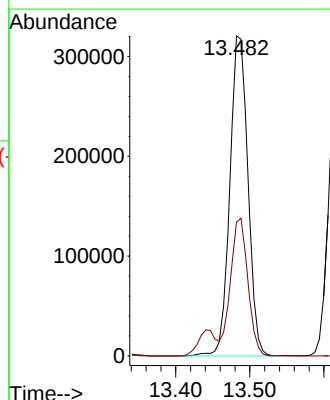
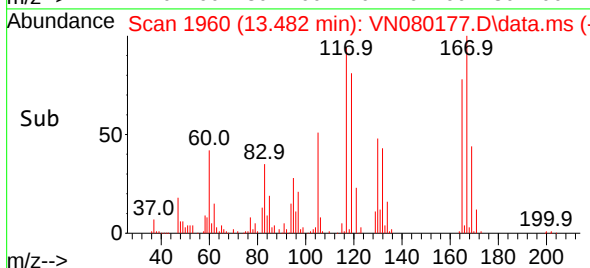
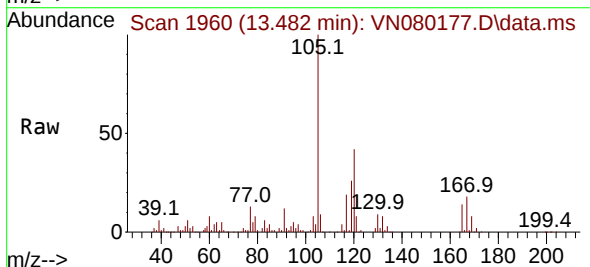
RT: 13.482 min Scan# 1960

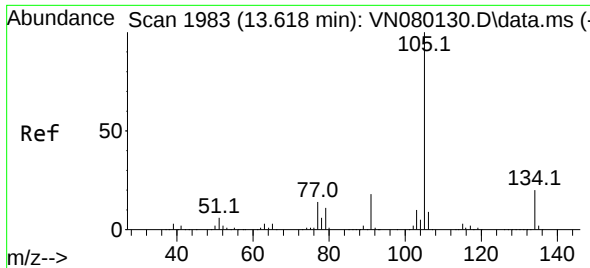
Delta R.T. -0.000 min

Lab File: VN080177.D

Acq: 17 Nov 2023 20:51

Tgt Ion:105 Resp: 543087
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.0 66.0





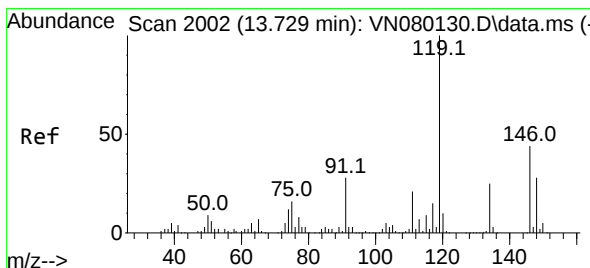
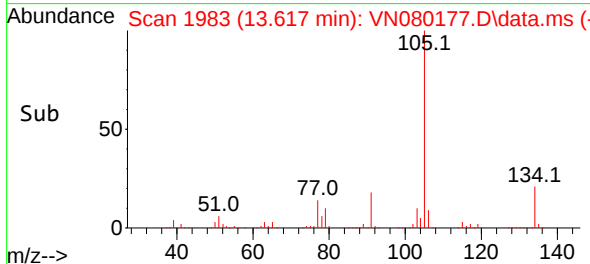
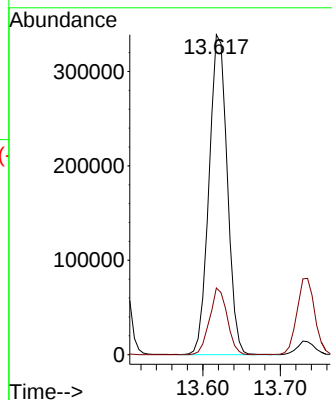
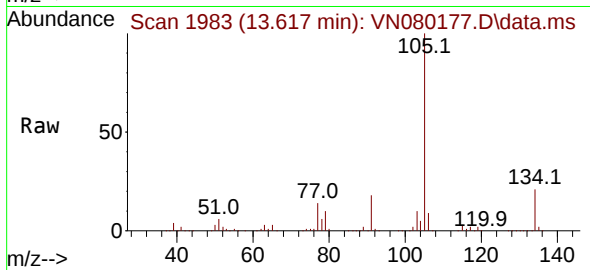
#85
 sec-Butylbenzene
 Concen: 49.188 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 554092
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

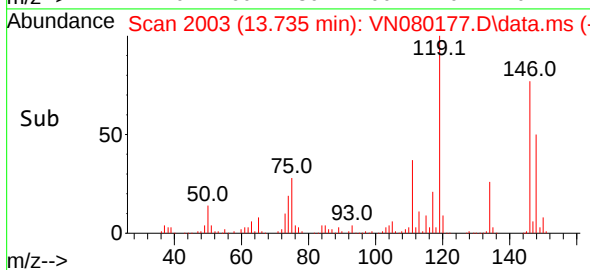
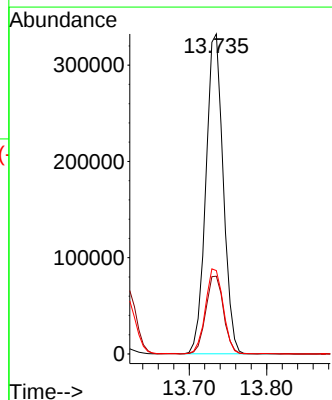
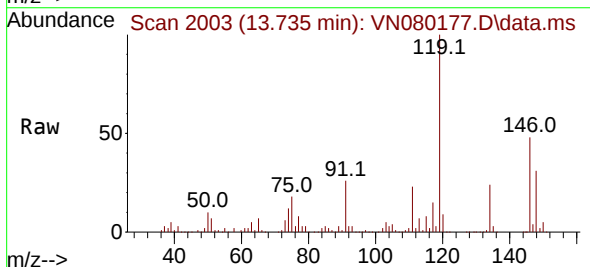
Manual Integrations
 APPROVED

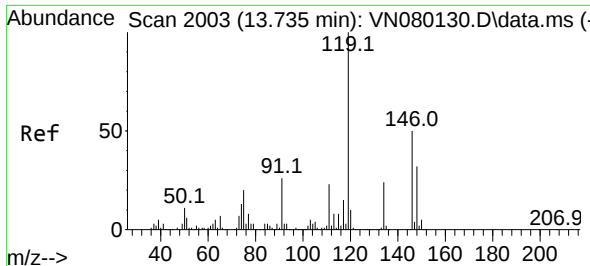
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 51.085 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080177.D
 Acq: 17 Nov 2023 20:51

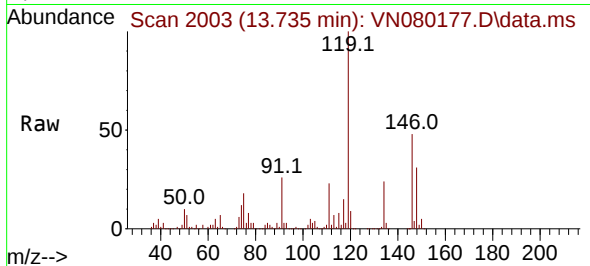
Tgt Ion:119 Resp: 514070
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.802 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

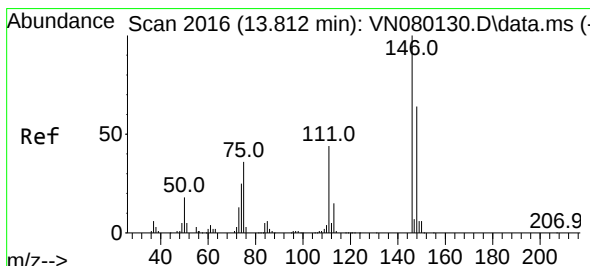
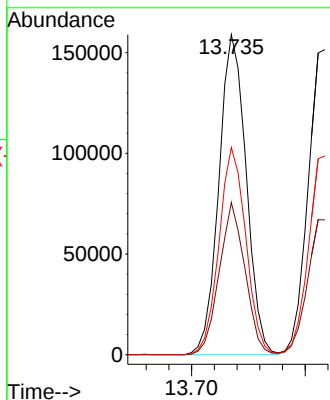
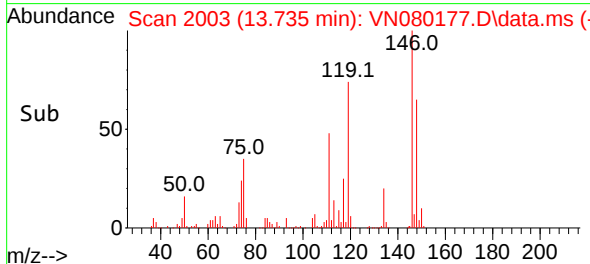
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



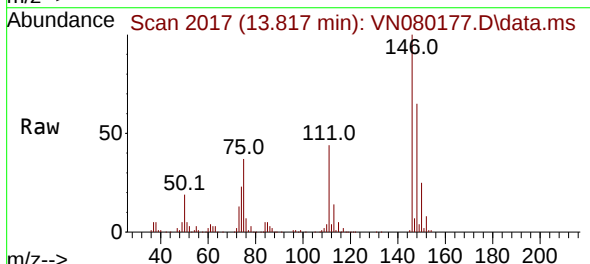
Tgt Ion:146 Resp: 26539
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
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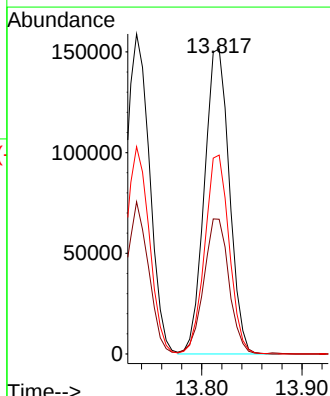
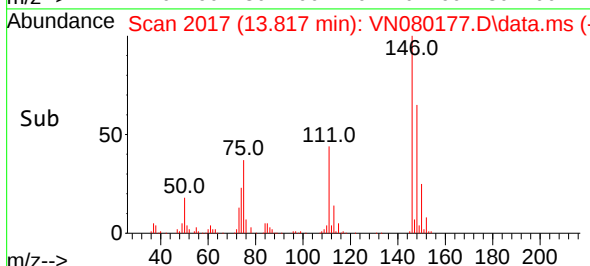
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

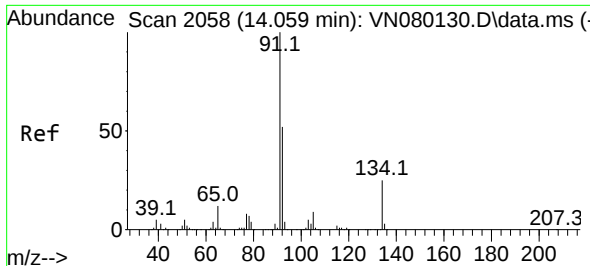


#88
1,4-Dichlorobenzene
Concen: 45.172 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



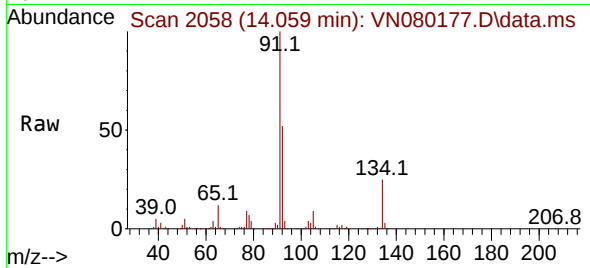
Tgt Ion:146 Resp: 263042
Ion Ratio Lower Upper
146 100
111 44.4 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 48.313 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

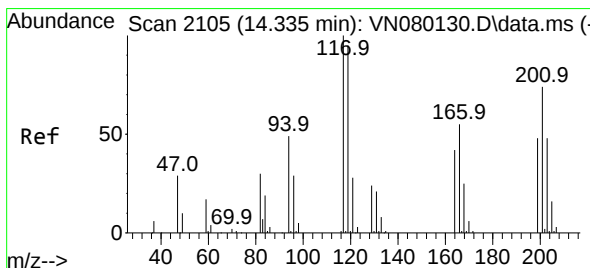
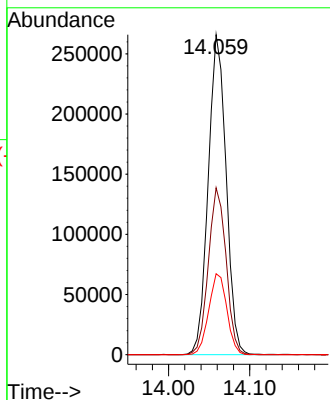
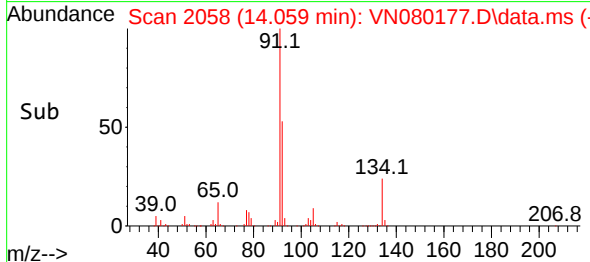
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 406925
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 25.6 12.6 37.6

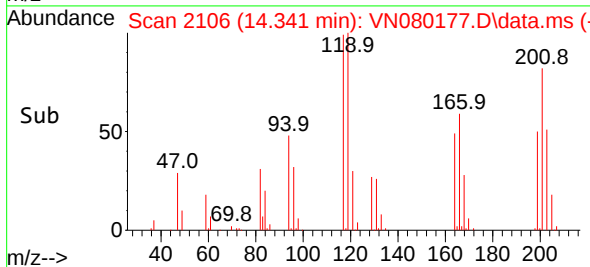
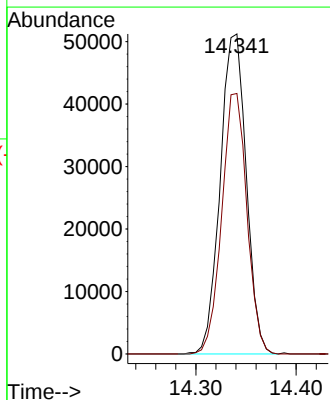
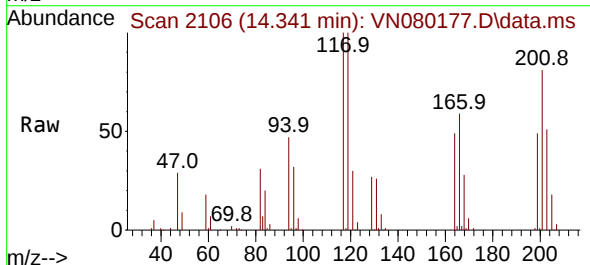
Manual Integrations
APPROVED

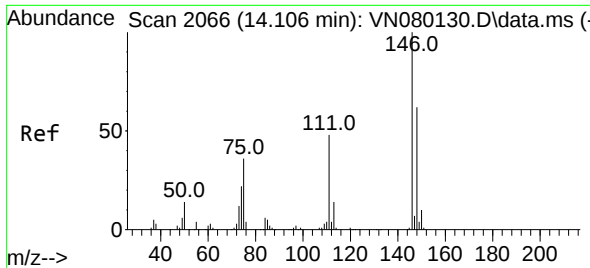
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 47.118 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion:117 Resp: 92436
Ion Ratio Lower Upper
117 100
201 78.7 29.3 88.0





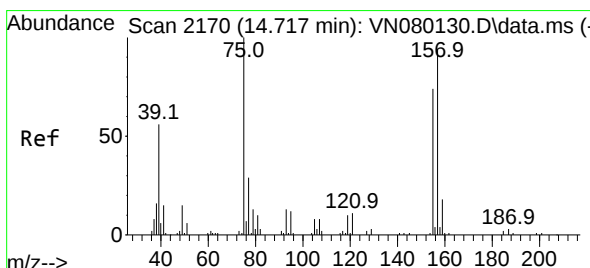
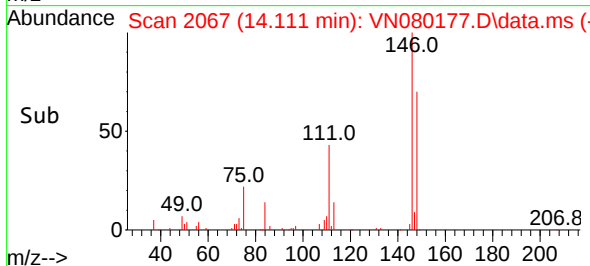
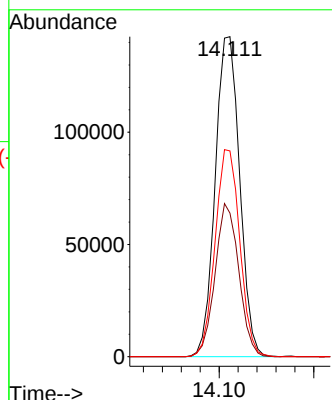
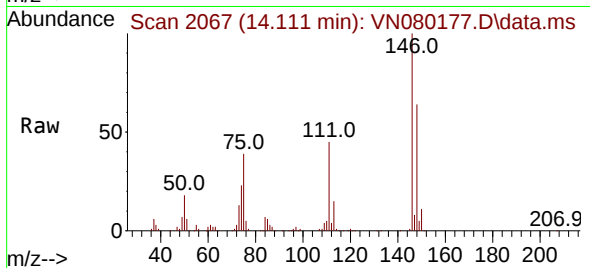
#91
1,2-Dichlorobenzene
Concen: 46.195 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 25614
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 65.3 31.8 95.3

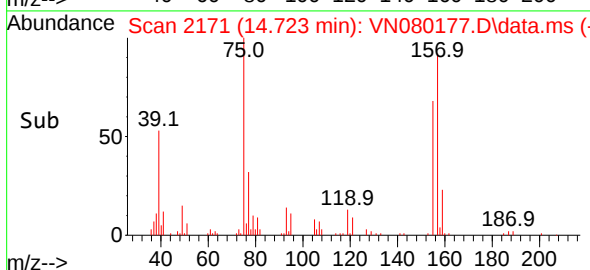
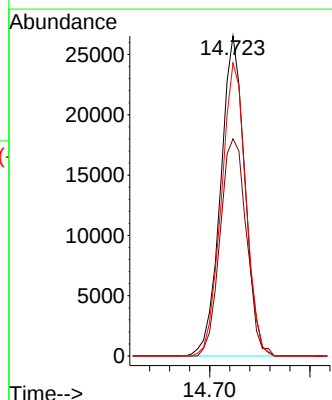
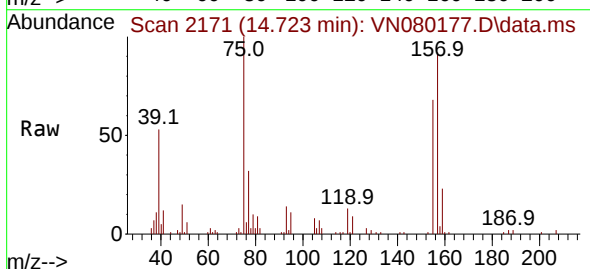
Manual Integrations
APPROVED

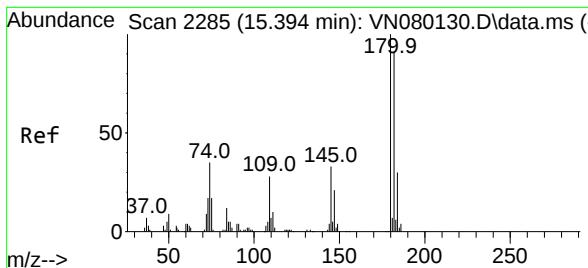
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.076 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

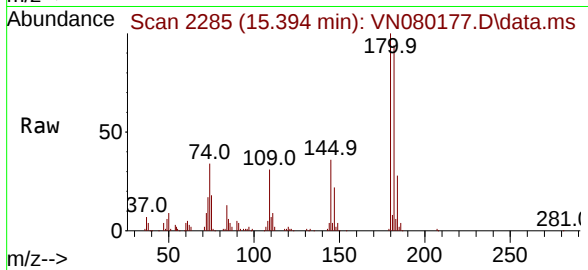
Tgt Ion: 75 Resp: 44408
Ion Ratio Lower Upper
75 100
155 73.6 39.1 117.2
157 92.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.702 ug/l
RT: 15.394 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

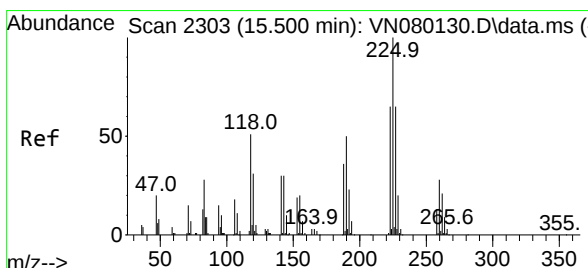
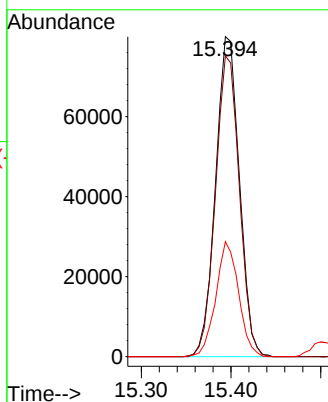
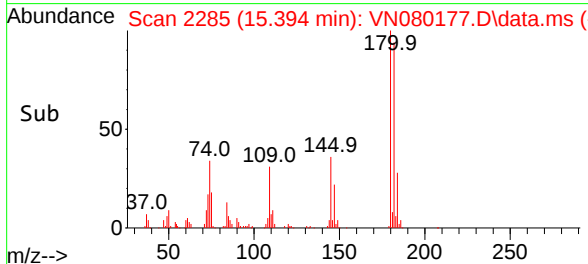
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



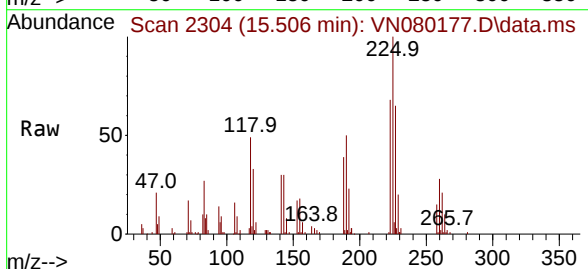
Tgt Ion:180 Resp: 147380
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 34.4 16.6 49.8

Manual Integrations
APPROVED

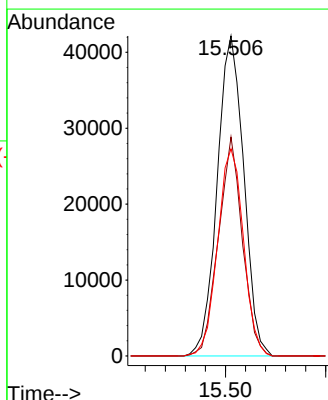
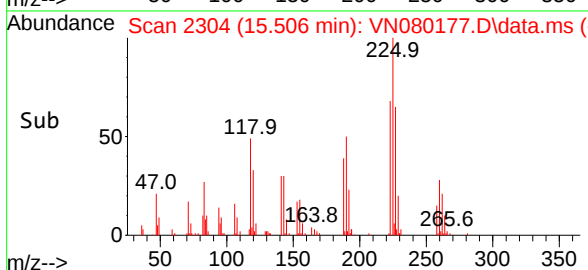
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

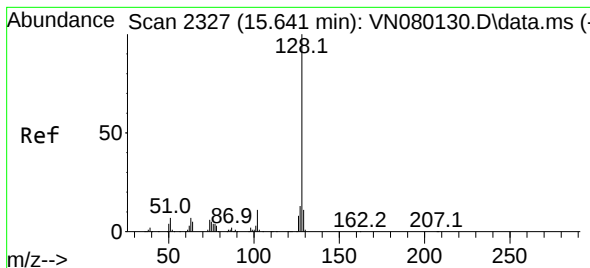


#94
Hexachlorobutadiene
Concen: 41.727 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51



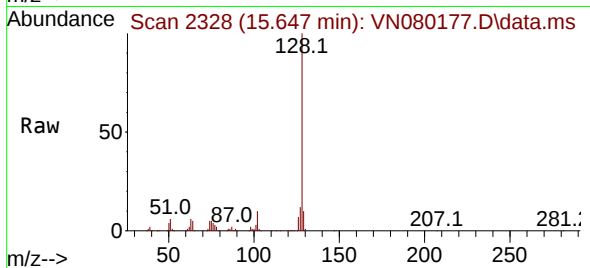
Tgt Ion:225 Resp: 77440
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 47.620 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

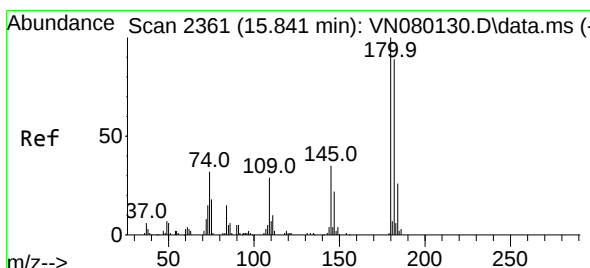
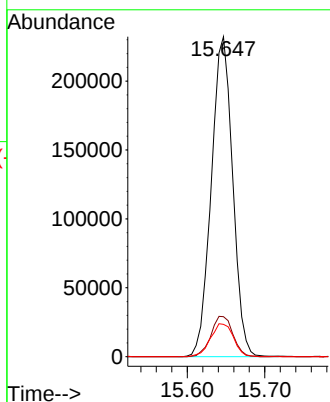
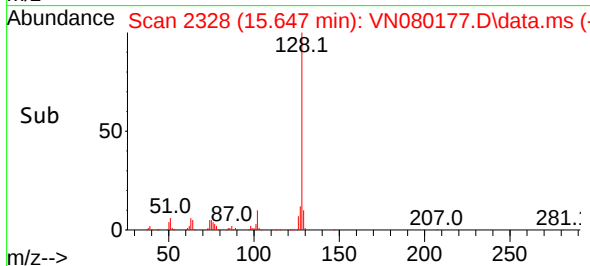
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 445330
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.032 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080177.D
Acq: 17 Nov 2023 20:51

Tgt Ion:180 Resp: 142169
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 35.7 17.5 52.6

