

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080151.D
 Acq On : 17 Nov 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 02:22:45 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	8.224	168	239401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196956	49.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	138919	49.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.571	98	493458	48.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.853	95	190046	49.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	150890	42.313	ug/l	97
3) Chloromethane	2.365	50	121453	45.300	ug/l	100
4) Vinyl Chloride	2.512	62	124661	43.937	ug/l	99
5) Bromomethane	2.953	94	87250	45.298	ug/l	93
6) Chloroethane	3.118	64	80811	45.866	ug/l	94
7) Trichlorofluoromethane	3.500	101	249874	42.218	ug/l	100
8) Diethyl Ether	3.959	74	84164	48.895	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	116674	43.128	ug/l	95
10) Methyl Iodide	4.589	142	150713	51.550	ug/l #	85
11) Tert butyl alcohol	5.518	59	109951	252.938	ug/l	100
12) 1,1-Dichloroethene	4.342	96	110483	43.664	ug/l	85
13) Acrolein	4.171	56	116147	301.916	ug/l	98
14) Allyl chloride	5.018	41	147044	46.190	ug/l	93
15) Acrylonitrile	5.718	53	300729	257.704	ug/l	99
16) Acetone	4.418	43	317088	238.828	ug/l	90
17) Carbon Disulfide	4.712	76	309777	41.002	ug/l	99
18) Methyl Acetate	5.024	43	198910	46.629	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	449954	50.354	ug/l	99
20) Methylene Chloride	5.277	84	144229	51.874	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	127935	46.024	ug/l #	81
22) Diisopropyl ether	6.671	45	355946	50.537	ug/l	97
23) Vinyl Acetate	6.600	43	1108191	261.715	ug/l	94
24) 1,1-Dichloroethane	6.571	63	242431	47.259	ug/l	97
25) 2-Butanone	7.483	43	387329	245.543	ug/l	91
26) 2,2-Dichloropropane	7.494	77	226896	44.581	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	153212	48.615	ug/l	89
28) Bromochloromethane	7.812	49	109001	54.048	ug/l	95
29) Tetrahydrofuran	7.835	42	223756	264.210	ug/l	89
30) Chloroform	7.971	83	278477	48.568	ug/l	93
31) Cyclohexane	8.259	56	170667	39.701	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	251371	44.955	ug/l	96
36) 1,1-Dichloropropene	8.377	75	185992	45.636	ug/l	95
37) Ethyl Acetate	7.559	43	141596	50.088	ug/l	99
38) Carbon Tetrachloride	8.365	117	229952	44.462	ug/l	98
39) Methylcyclohexane	9.606	83	175378	44.629	ug/l #	90
40) Benzene	8.612	78	544472	47.005	ug/l	100

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 Quant Title : SW846 8260
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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)
41) Methacrylonitrile	7.777	41	82685	53.260	ug/l	92
42) 1,2-Dichloroethane	8.671	62	238898	50.411	ug/l	95
43) Isopropyl Acetate	8.688	43	244688	44.479	ug/l	98
44) Trichloroethene	9.353	130	140572	46.265	ug/l	99
45) 1,2-Dichloropropane	9.624	63	133508	49.597	ug/l	92
46) Dibromomethane	9.712	93	102708	50.405	ug/l	91
47) Bromodichloromethane	9.888	83	227644	50.788	ug/l	98
48) Methyl methacrylate	9.682	41	148043	52.220	ug/l	91
49) 1,4-Dioxane	9.694	88	46750	991.238	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	733418	257.511	ug/l	98
52) Toluene	10.629	92	350119	48.299	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	233072	50.611	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	243723	51.802	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	141209	51.038	ug/l	98
56) Ethyl methacrylate	10.876	69	153599	54.343	ug/l	95
57) 1,3-Dichloropropane	11.165	76	242764	50.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	439251	275.851	ug/l	98
59) 2-Hexanone	11.200	43	583958	255.158	ug/l	95
60) Dibromochloromethane	11.359	129	171659	51.823	ug/l	99
61) 1,2-Dibromoethane	11.471	107	141733	50.214	ug/l	97
64) Tetrachloroethene	11.106	164	131233	47.917	ug/l	96
65) Chlorobenzene	11.894	112	366682	45.092	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	152396	48.293	ug/l	94
67) Ethyl Benzene	11.965	91	662689	45.797	ug/l	97
68) m/p-Xylenes	12.070	106	496895	94.183	ug/l	88
69) o-Xylene	12.400	106	239899	48.249	ug/l	88
70) Styrene	12.412	104	362318	48.959	ug/l	92
71) Bromoform	12.582	173	116266	49.682	ug/l #	100
73) Isopropylbenzene	12.700	105	619363	44.702	ug/l	98
74) N-amyl acetate	12.494	43	204102	47.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	184857	44.577	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	183041m	41.898	ug/l	
77) Bromobenzene	12.982	156	157203	45.002	ug/l	99
78) n-propylbenzene	13.035	91	696047	44.924	ug/l	100
79) 2-Chlorotoluene	13.129	91	457308	45.444	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	550133	45.612	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	69398	53.669	ug/l	93
82) 4-Chlorotoluene	13.223	91	472767	45.859	ug/l	96
83) tert-Butylbenzene	13.441	119	418198	43.237	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	558803	47.052	ug/l	95
85) sec-Butylbenzene	13.617	105	539364	44.081	ug/l	99
86) p-Isopropyltoluene	13.735	119	504622	46.168	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	277504	44.092	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	282350	44.641	ug/l	99
89) n-Butylbenzene	14.059	91	407148	44.504	ug/l	99
90) Hexachloroethane	14.335	117	88544	41.554	ug/l	69
91) 1,2-Dichlorobenzene	14.112	146	272272	45.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44199	45.887	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	151689	43.304	ug/l	97
94) Hexachlorobutadiene	15.506	225	76043	37.724	ug/l	99
95) Naphthalene	15.647	128	441580	43.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142402	43.372	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDCCC050

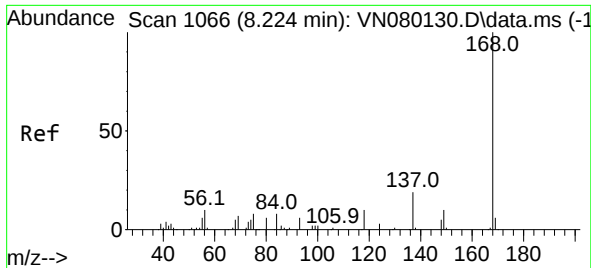
Manual Integrations
APPROVED

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

Quant Time: Nov 18 02:22:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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



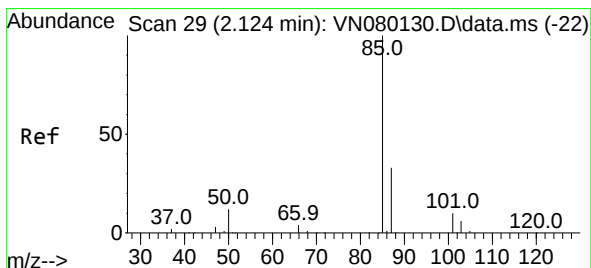
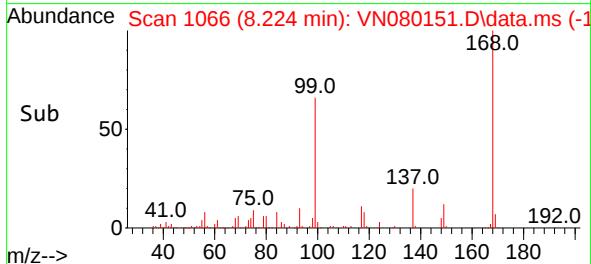
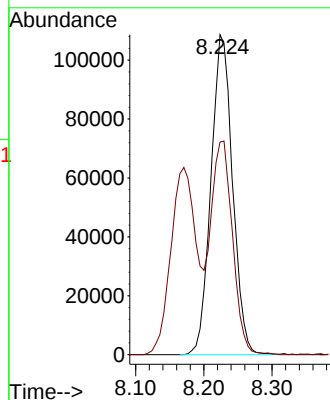
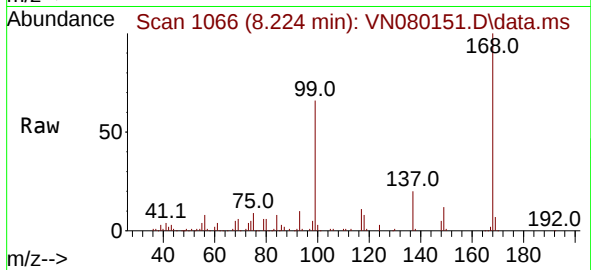
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 23940
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6

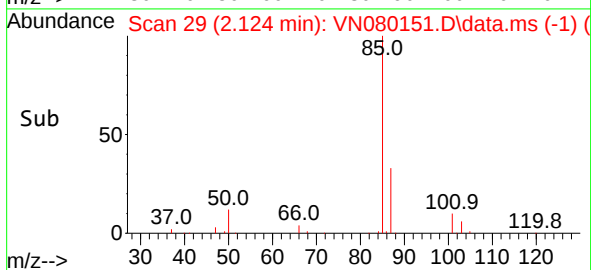
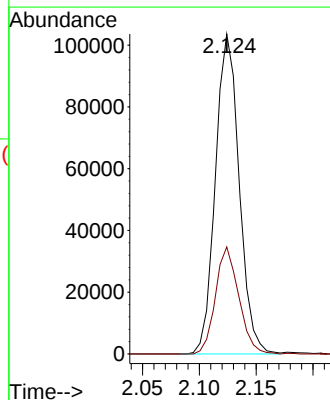
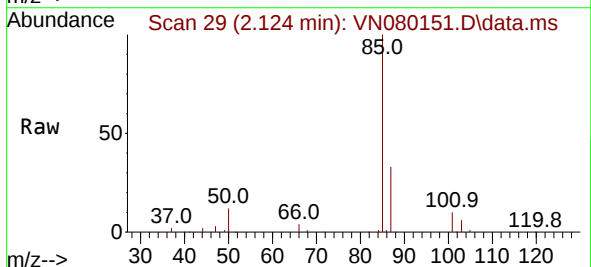
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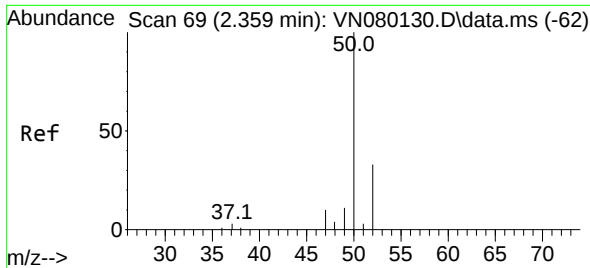
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 42.313 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 85 Resp: 150890
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





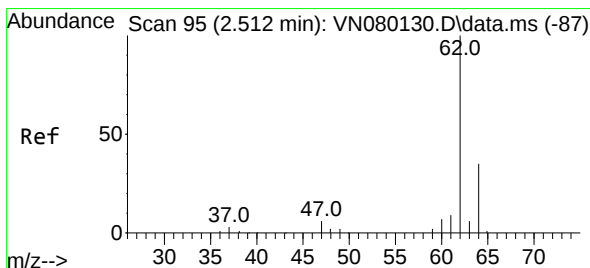
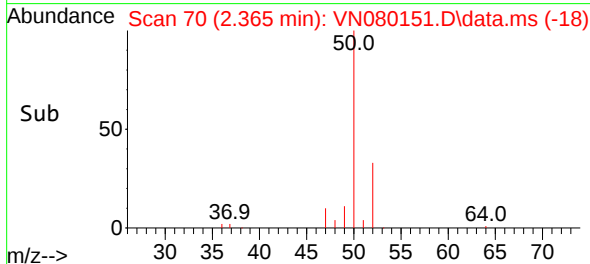
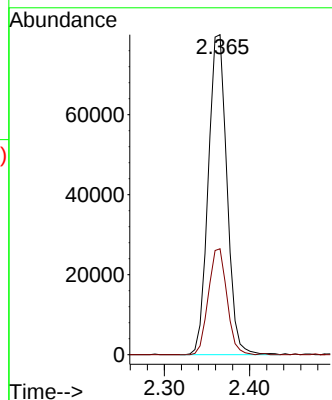
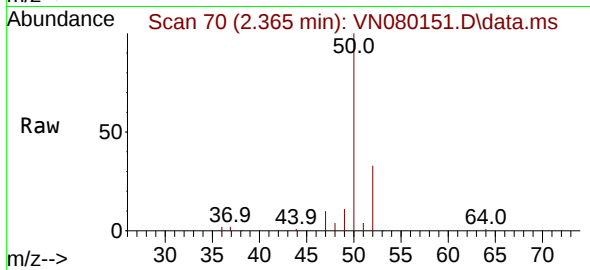
#3
Chloromethane
Concen: 45.300 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 12145
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

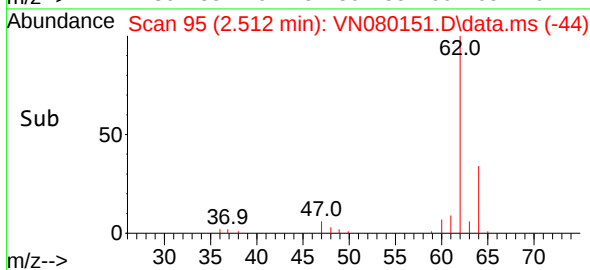
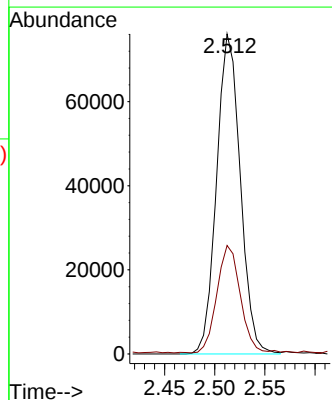
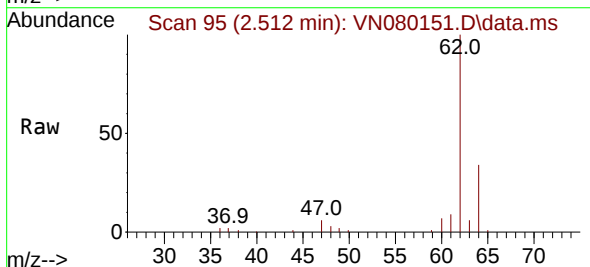
Manual Integrations
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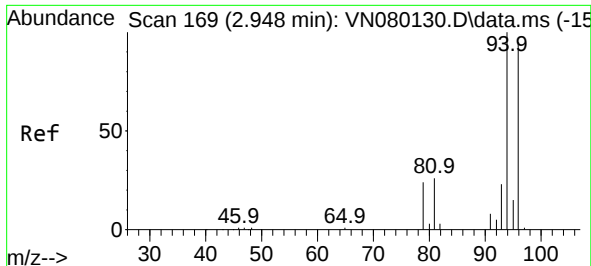
Reviewed By :John Carlone 11/18/2023
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#4
Vinyl Chloride
Concen: 43.937 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 62 Resp: 124661
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





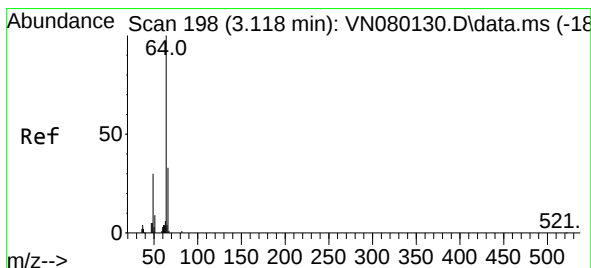
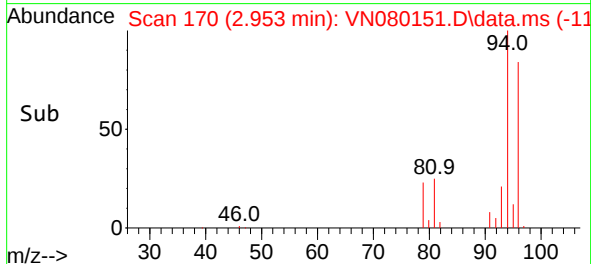
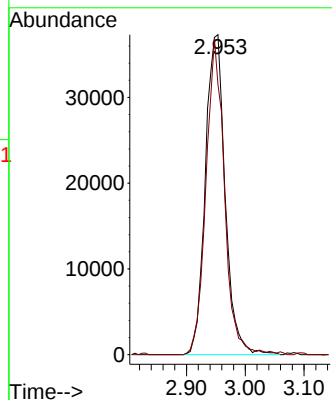
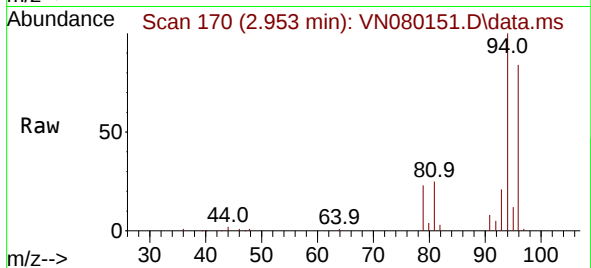
#5
Bromomethane
Concen: 45.298 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 87250
Ion Ratio Lower Upper
94 100
96 84.5 73.1 109.7

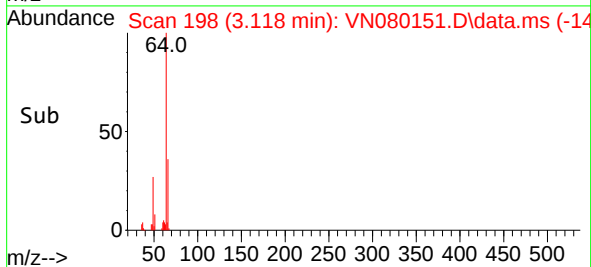
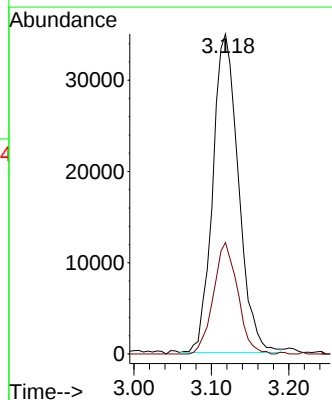
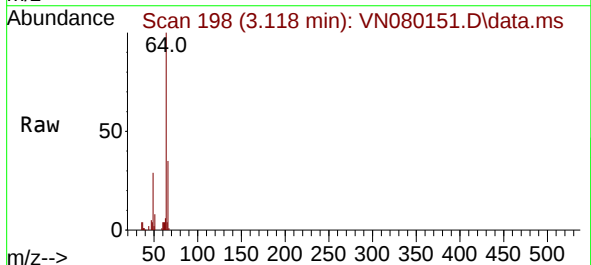
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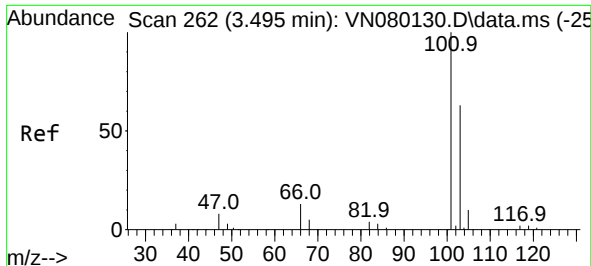
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 45.866 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 64 Resp: 80811
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.2





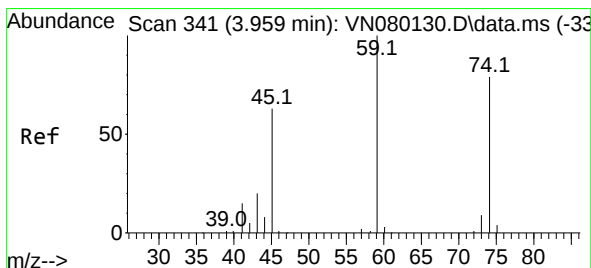
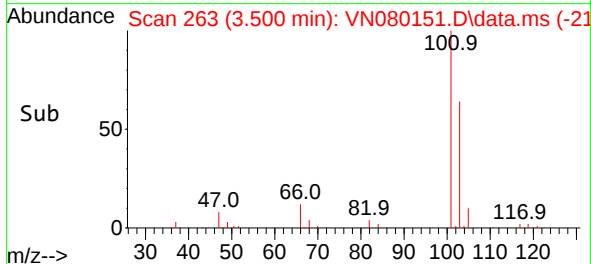
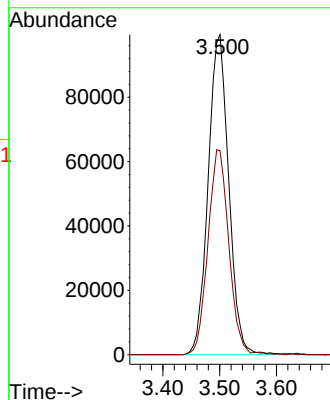
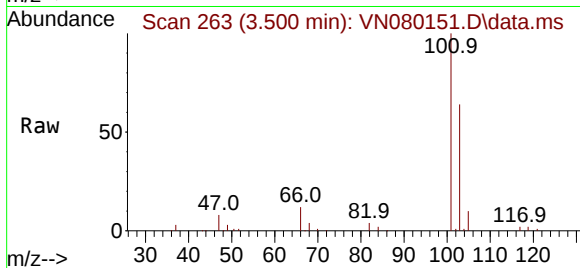
#7
Trichlorofluoromethane
Concen: 42.218 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 249874
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

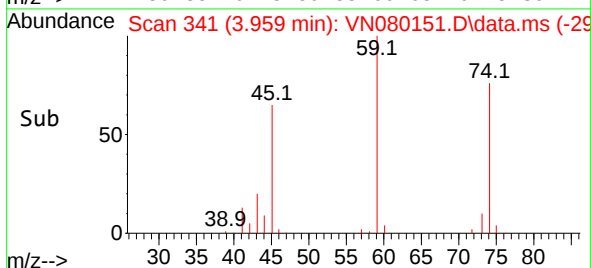
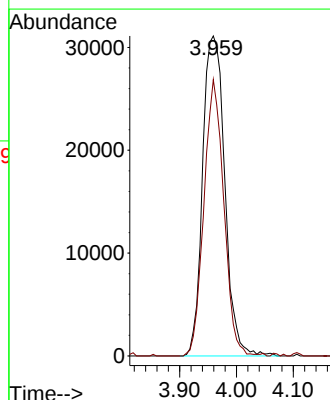
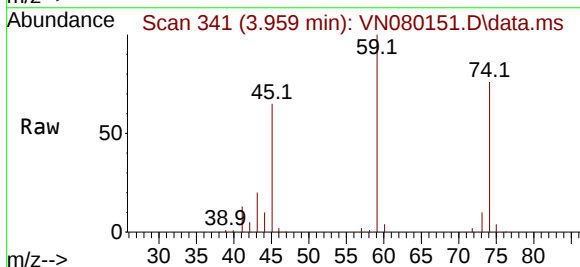
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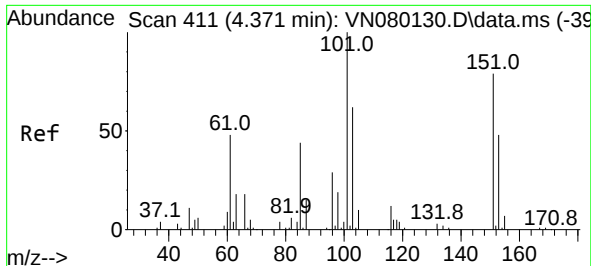
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#8
Diethyl Ether
Concen: 48.895 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 74 Resp: 84164
Ion Ratio Lower Upper
74 100
45 77.4 34.4 103.3





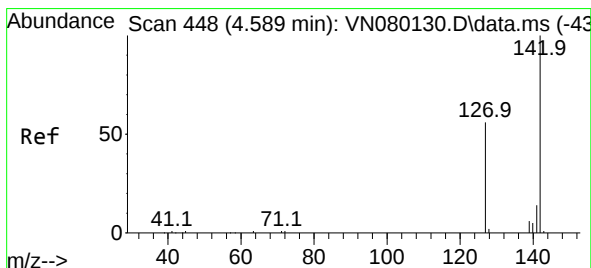
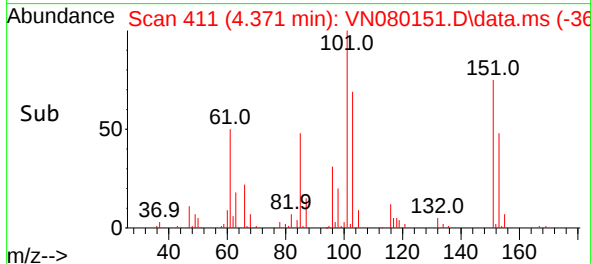
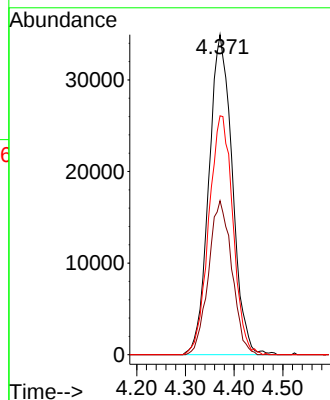
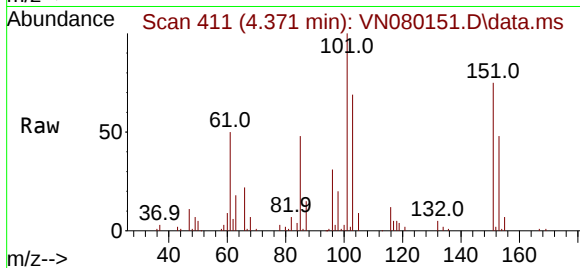
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.128 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 116674
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 76.6 57.6 86.4

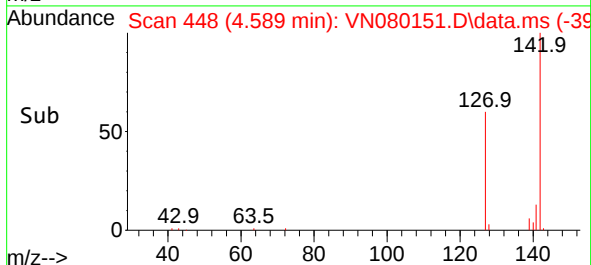
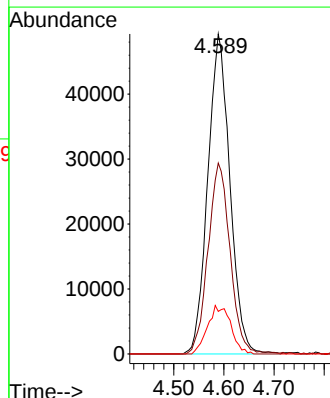
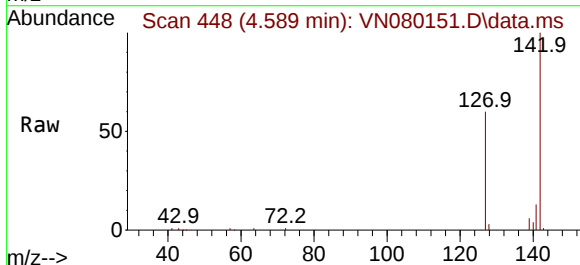
Manual Integrations
APPROVED

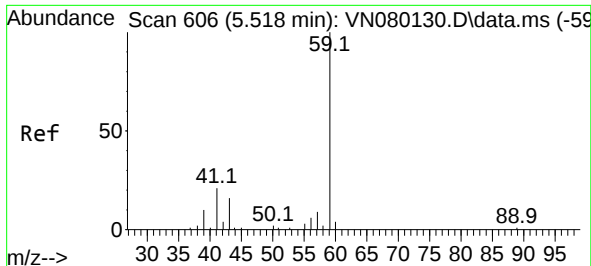
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 51.550 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:142 Resp: 150713
Ion Ratio Lower Upper
142 100
127 59.7 37.6 56.4#
141 13.3 11.4 17.0





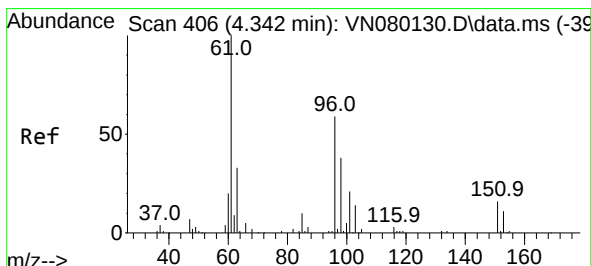
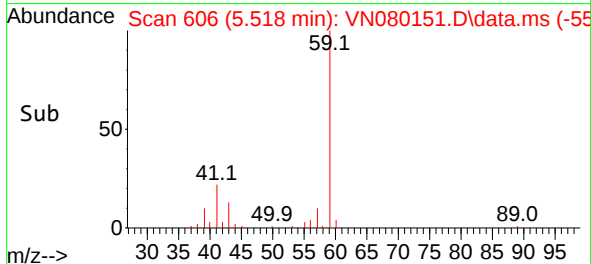
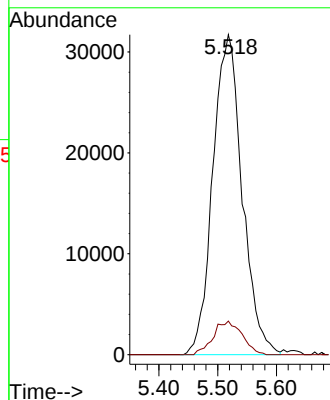
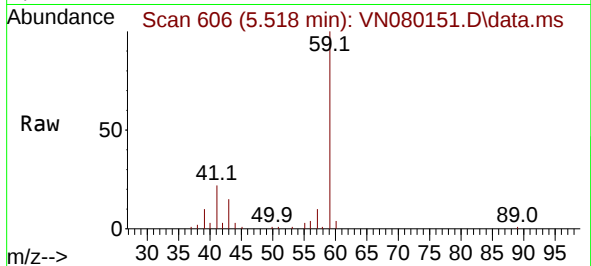
#11
Tert butyl alcohol
Concen: 252.938 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10995
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

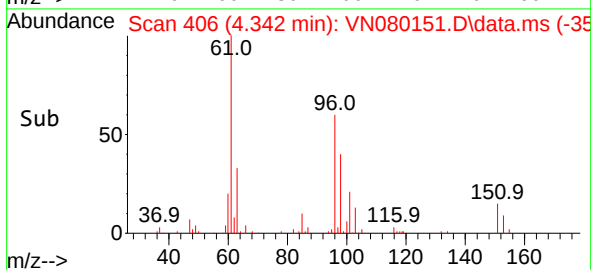
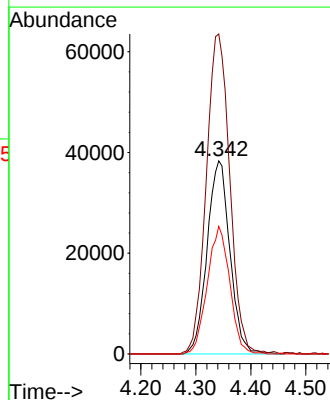
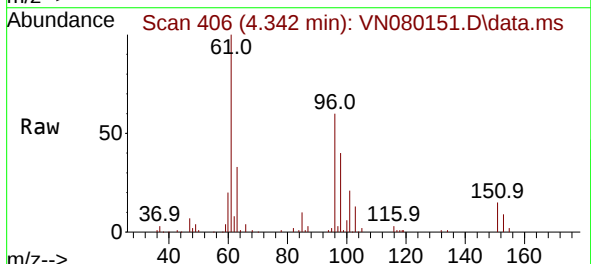
Manual Integrations
APPROVED

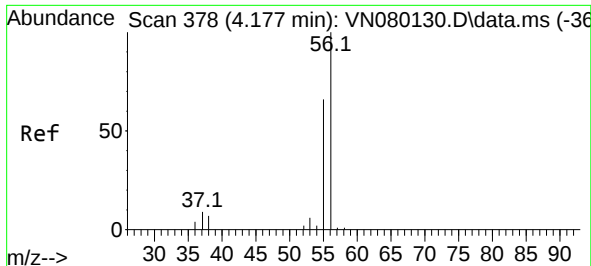
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 43.664 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 96 Resp: 110483
Ion Ratio Lower Upper
96 100
61 165.7 112.7 169.1
98 66.0 51.2 76.8





#13

Acrolein

Concen: 301.916 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 11614

Ion Ratio Lower Upper

56 100

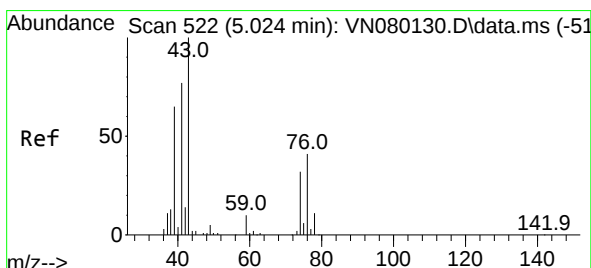
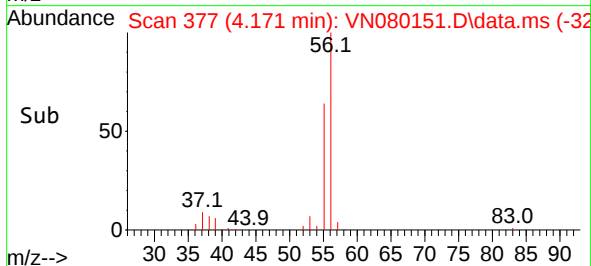
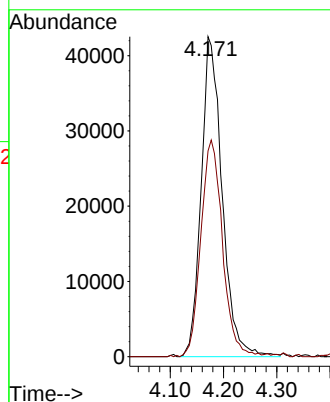
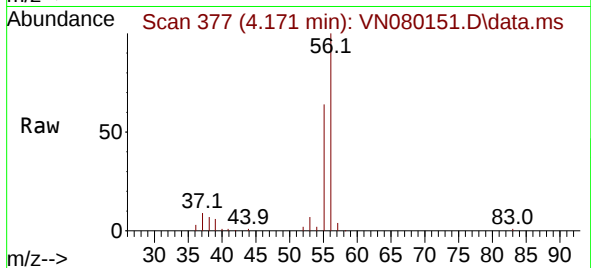
55 70.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#14

Allyl chloride

Concen: 46.190 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

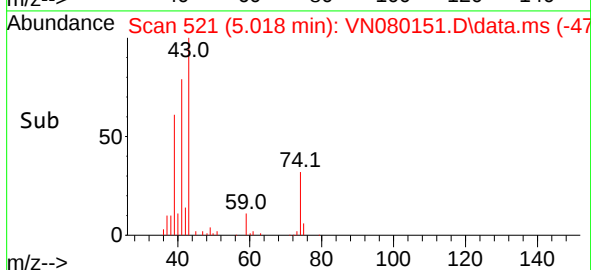
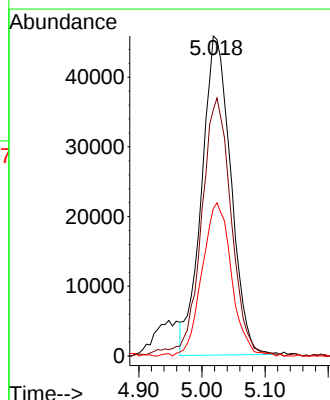
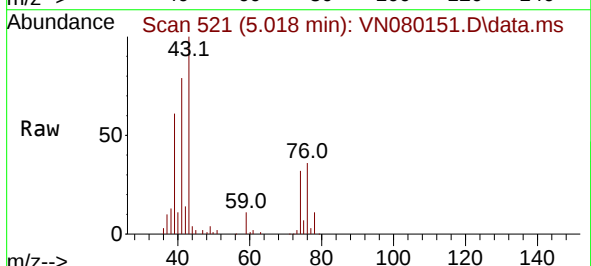
Tgt Ion: 41 Resp: 147044

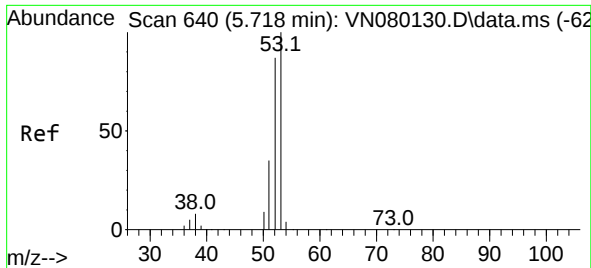
Ion Ratio Lower Upper

41 100

39 83.3 58.8 88.2

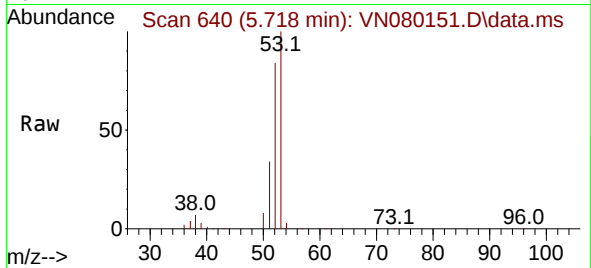
76 48.3 39.1 58.7





#15
Acrylonitrile
Concen: 257.704 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

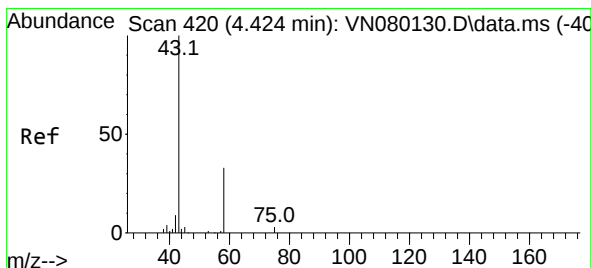
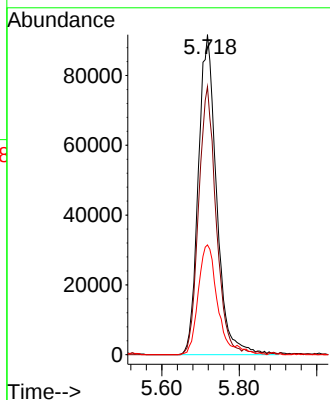
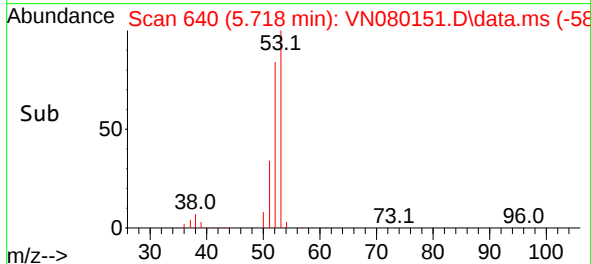
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 300729
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 36.7 28.9 43.3

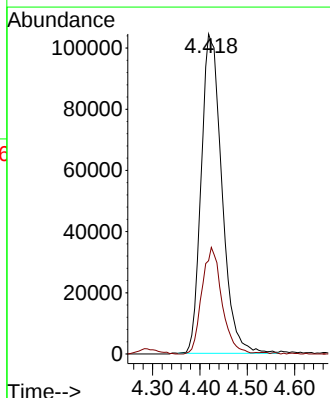
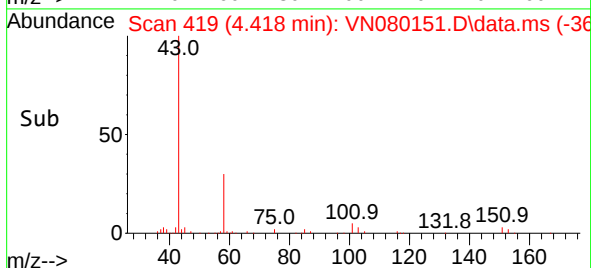
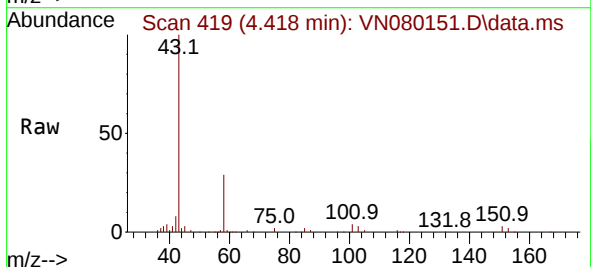
Manual Integrations
APPROVED

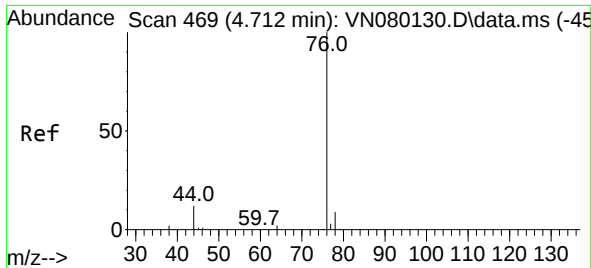
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 238.828 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 43 Resp: 317088
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0





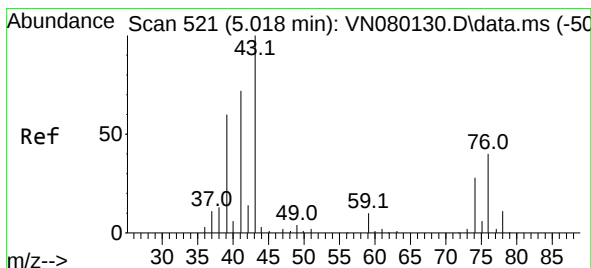
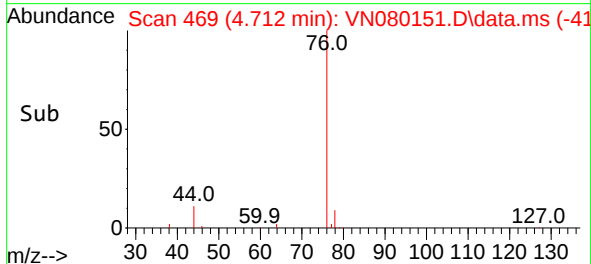
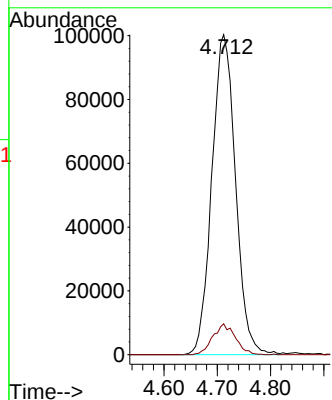
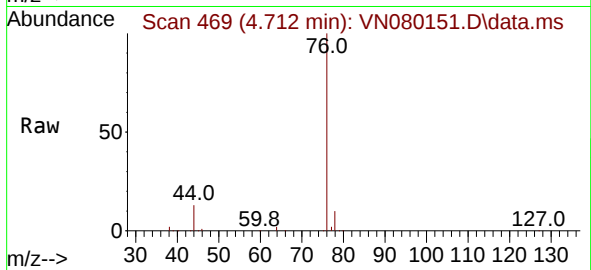
#17
Carbon Disulfide
Concen: 41.002 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 30977
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

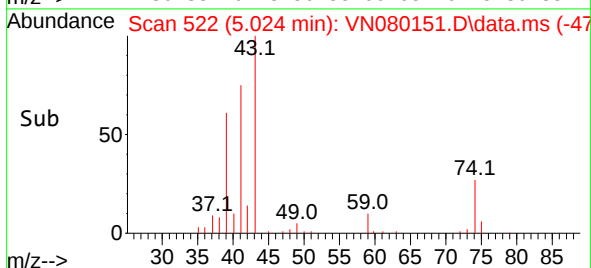
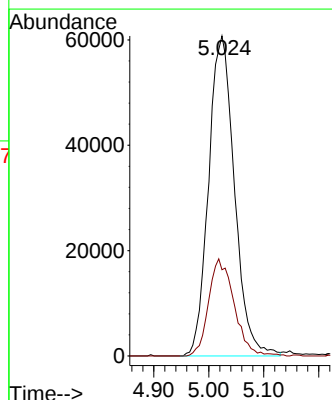
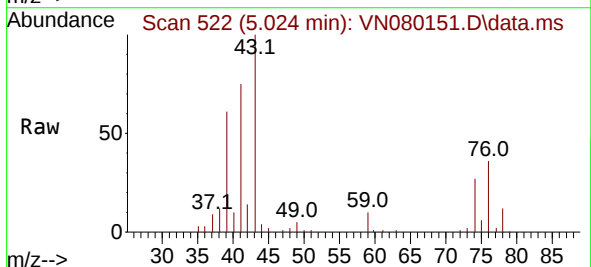
Manual Integrations
APPROVED

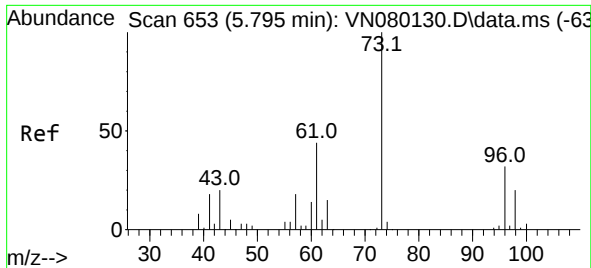
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 46.629 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 43 Resp: 198910
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4





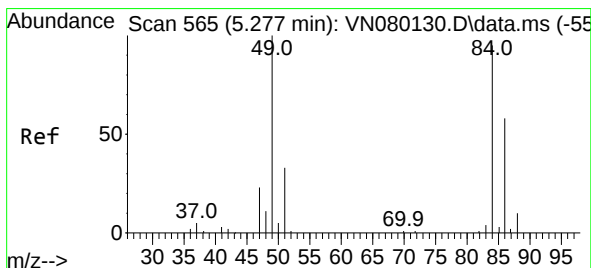
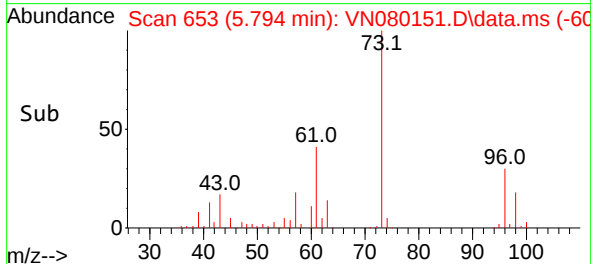
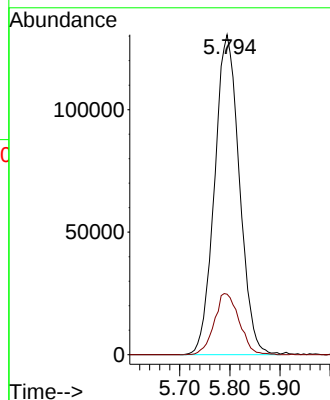
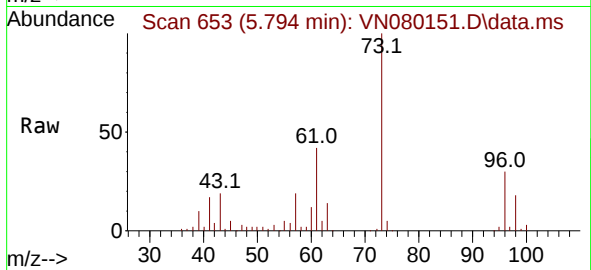
#19
Methyl tert-butyl Ether
Concen: 50.354 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 449954
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

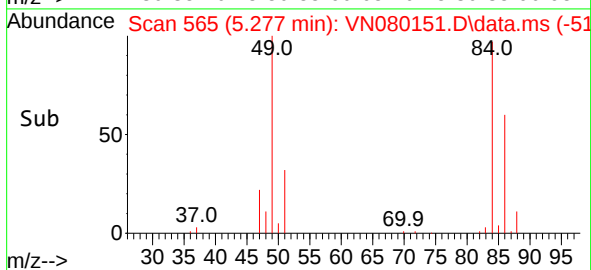
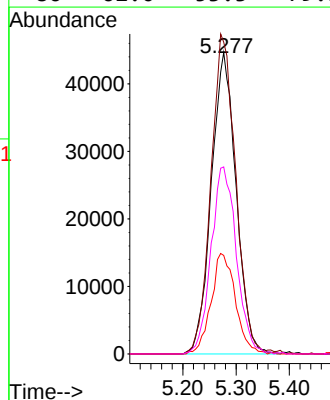
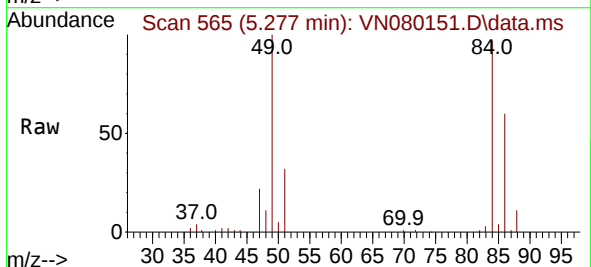
Manual Integrations
APPROVED

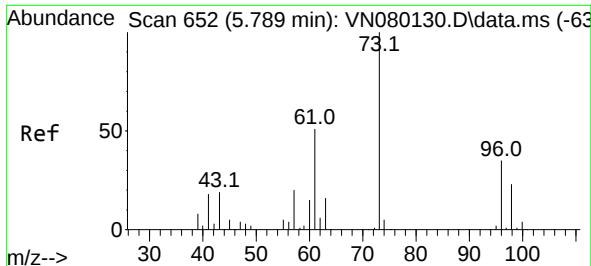
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 51.874 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

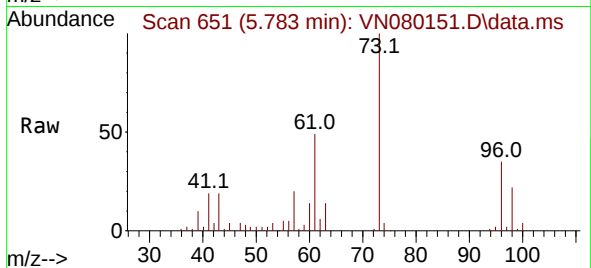
Tgt Ion: 84 Resp: 144229
Ion Ratio Lower Upper
84 100
49 103.4 79.7 119.5
51 32.7 25.2 37.8
86 62.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

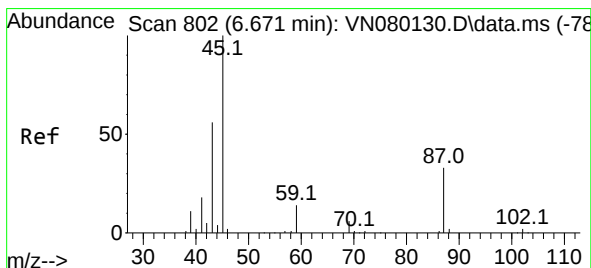
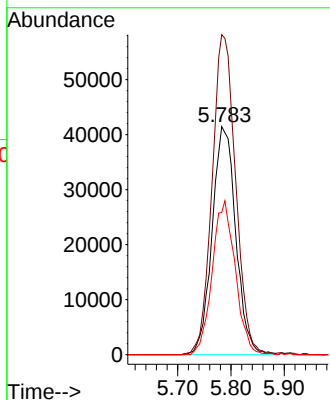
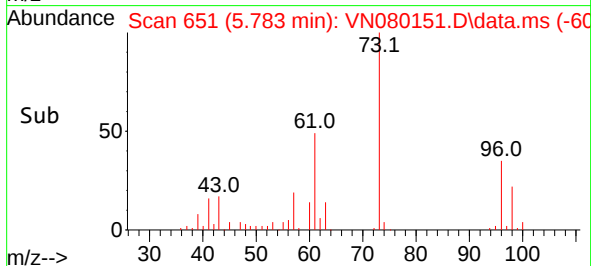
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 127935
Ion Ratio Lower Upper
96 100
61 140.4 90.1 135.1
98 62.4 46.4 69.6

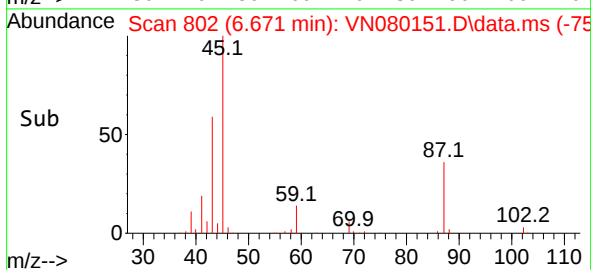
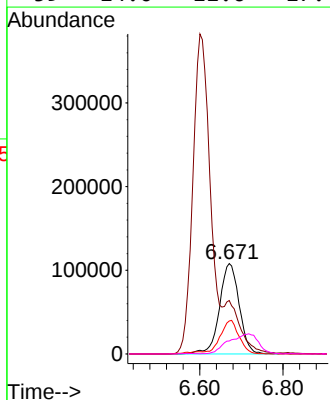
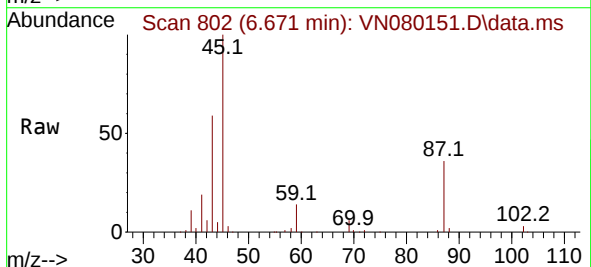
Manual Integrations
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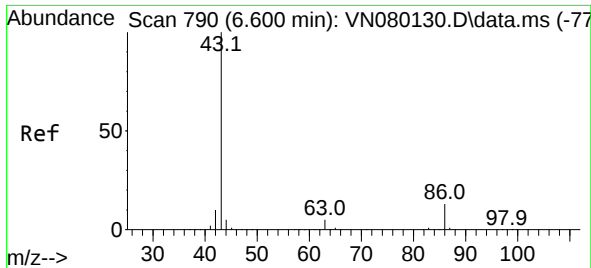
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 50.537 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 45 Resp: 355946
Ion Ratio Lower Upper
45 100
43 58.0 45.5 68.3
87 36.5 31.8 47.8
59 14.0 11.6 17.4





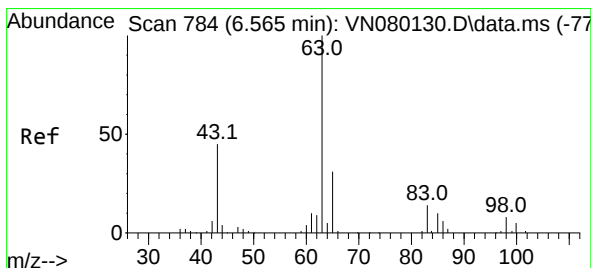
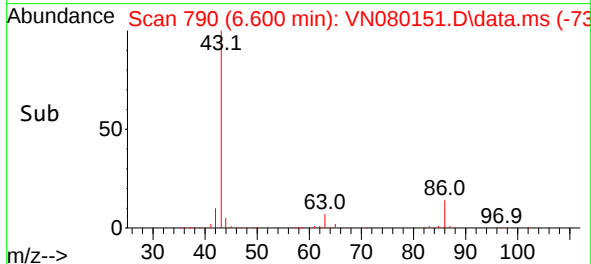
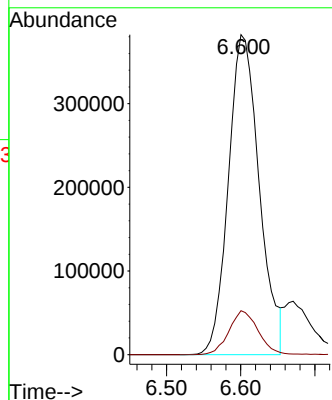
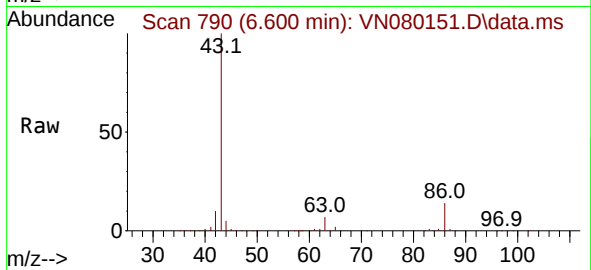
#23
 Vinyl Acetate
 Concen: 261.715 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 110819
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

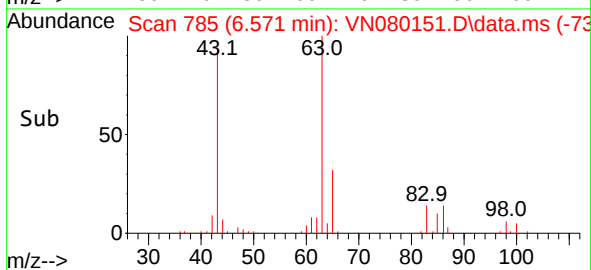
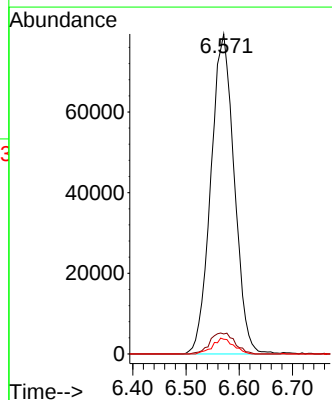
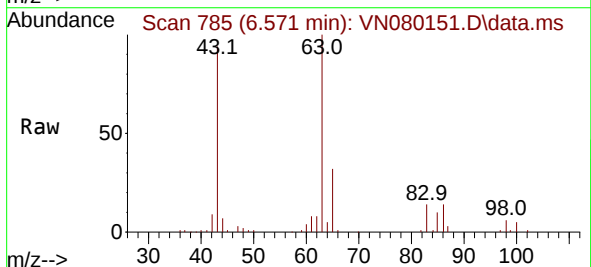
Manual Integrations
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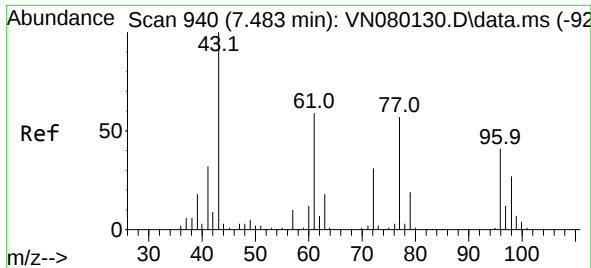
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.259 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20

Tgt Ion: 63 Resp: 242431
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.6 2.5 7.4





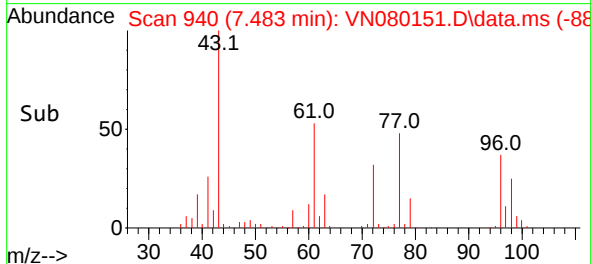
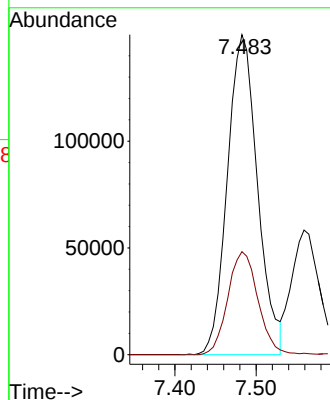
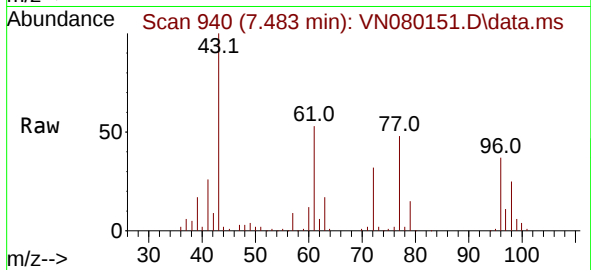
#25
2-Butanone
Concen: 245.543 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 387329
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2

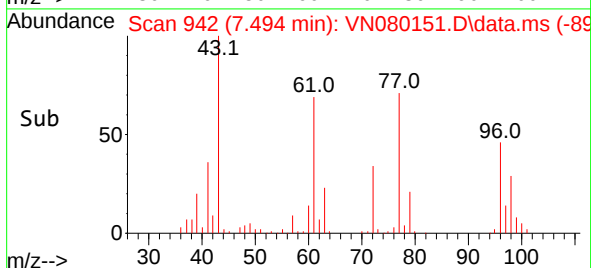
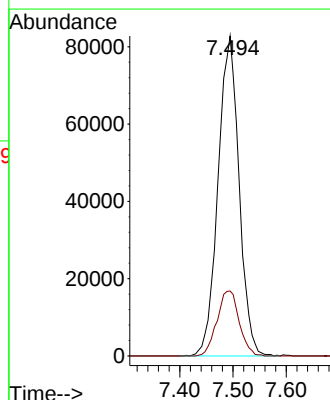
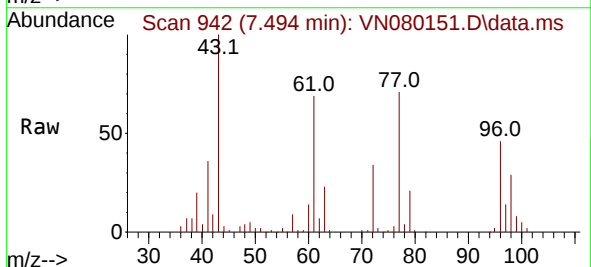
Manual Integrations
APPROVED

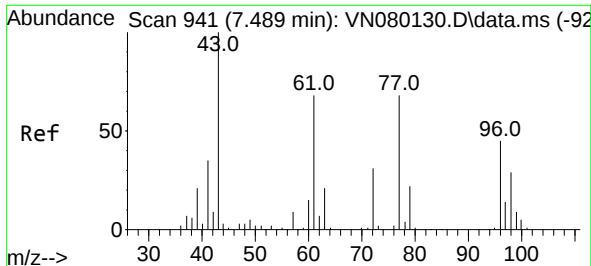
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 44.581 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

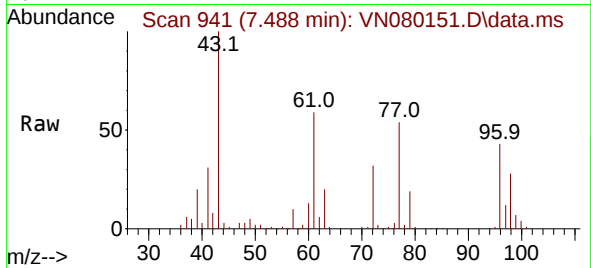
Tgt Ion: 77 Resp: 226896
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.615 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20

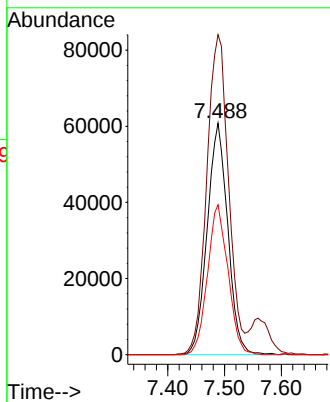
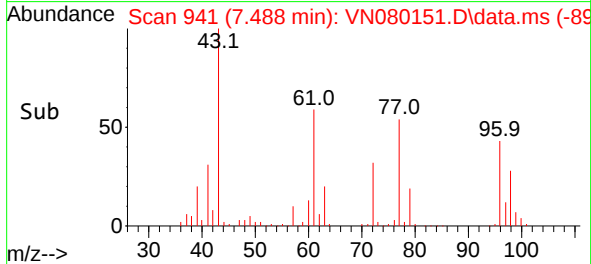
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 15321
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 255.2
 98 64.4 0.0 128.8

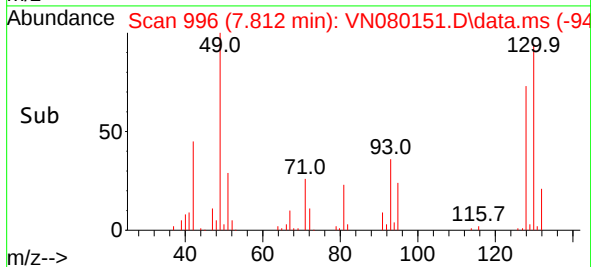
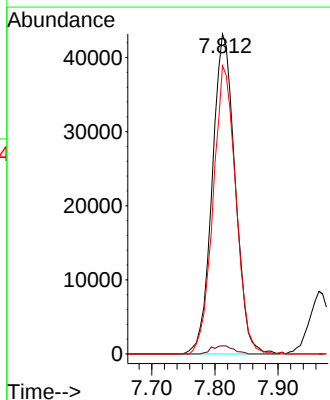
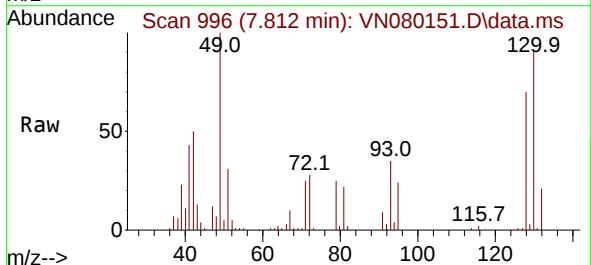
Manual Integrations
 APPROVED

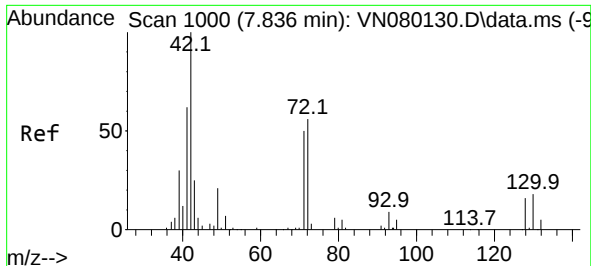
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 54.048 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20

Tgt Ion: 49 Resp: 109001
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 89.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 264.210 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

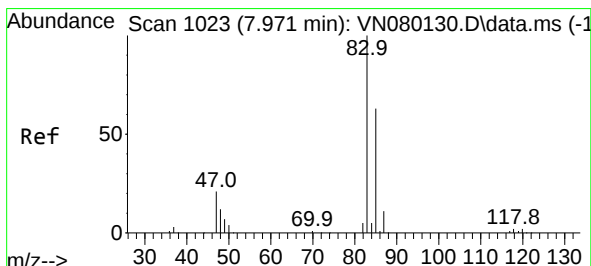
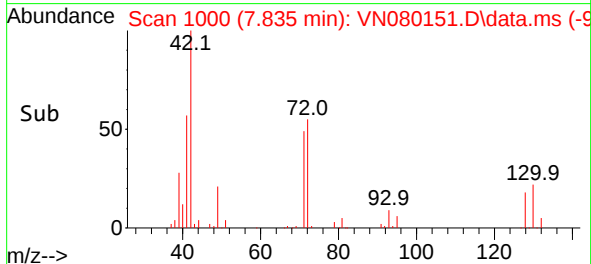
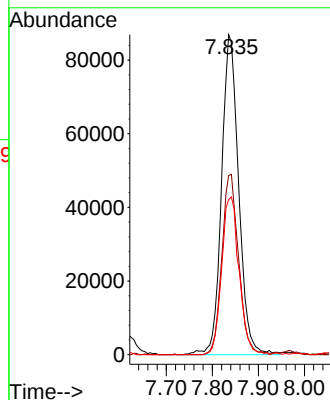
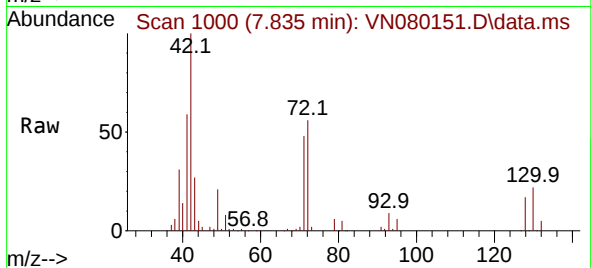
Tgt Ion: 42 Resp: 223750
 Ion Ratio Lower Upper
 42 100
 72 55.2 49.8 74.6
 71 49.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 48.568 ug/l

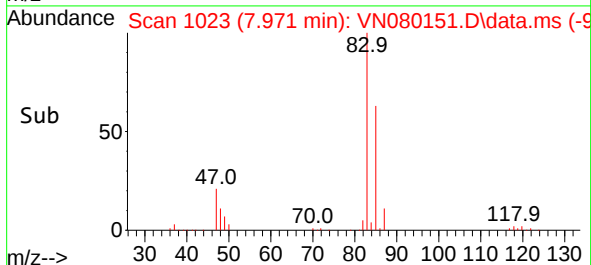
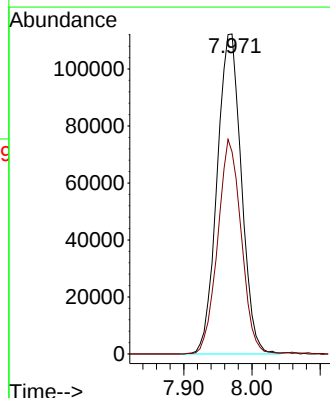
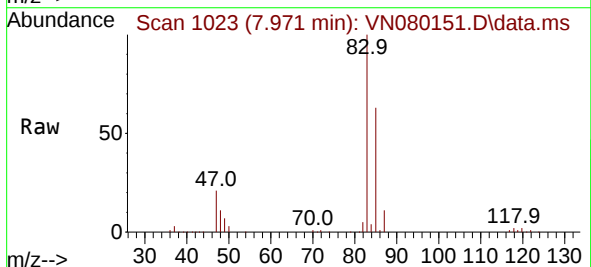
RT: 7.971 min Scan# 1023

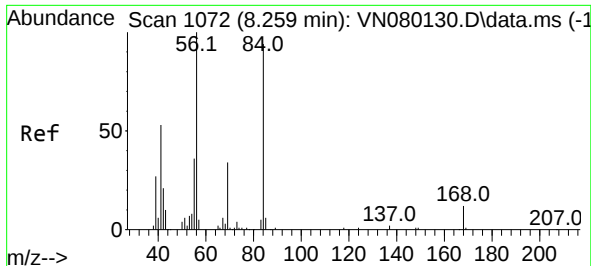
Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

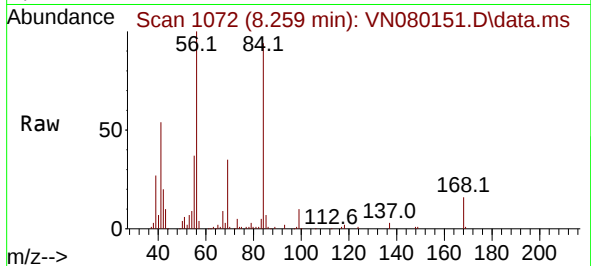
Tgt Ion: 83 Resp: 278477
 Ion Ratio Lower Upper
 83 100
 85 63.1 55.4 83.0





#31
Cyclohexane
Concen: 39.701 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

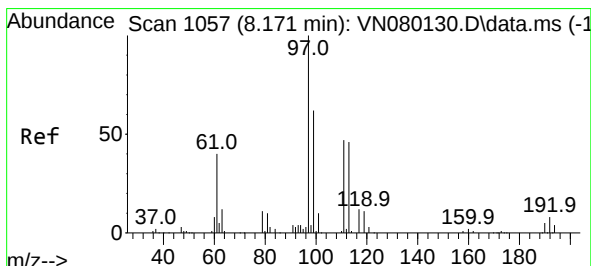
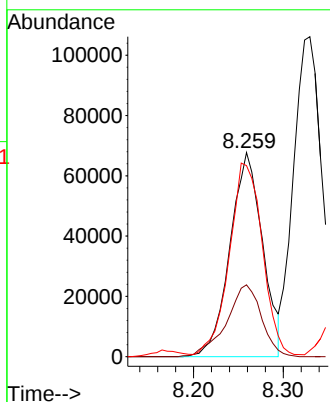
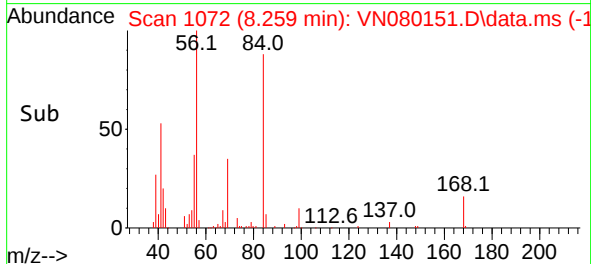
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17066
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 91.5 81.8 122.6

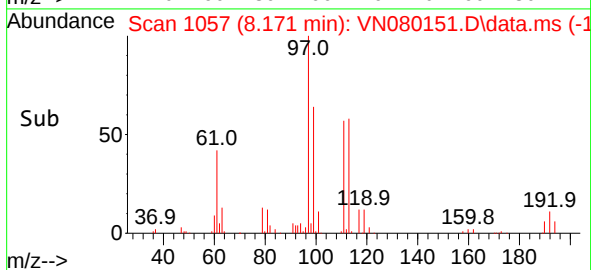
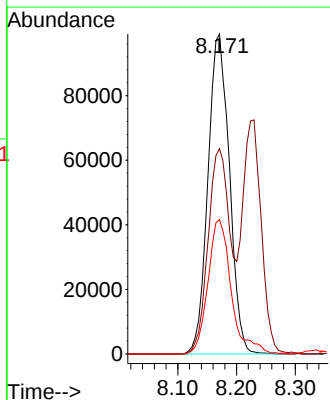
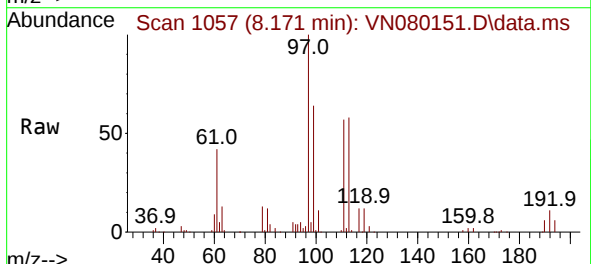
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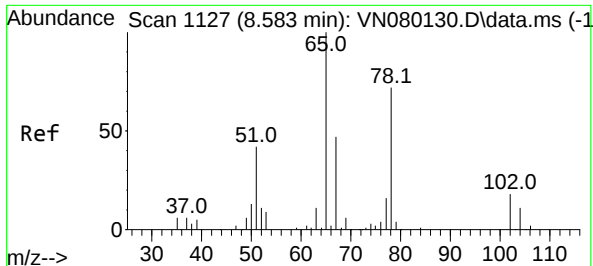
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 44.955 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 97 Resp: 251371
Ion Ratio Lower Upper
97 100
99 66.9 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.826 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 196950

Ion Ratio Lower Upper

65 100

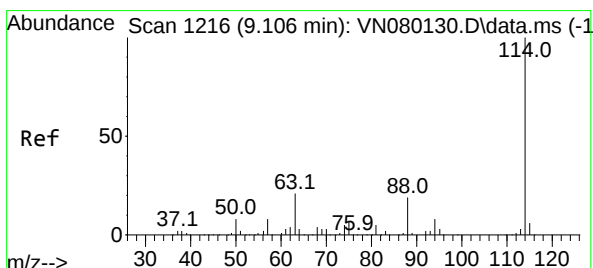
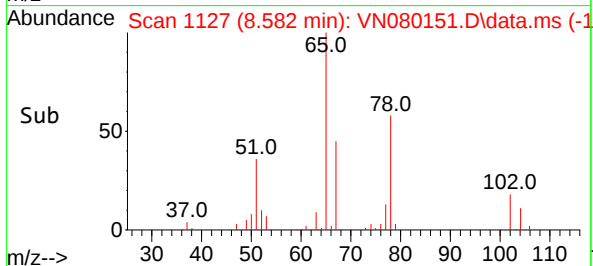
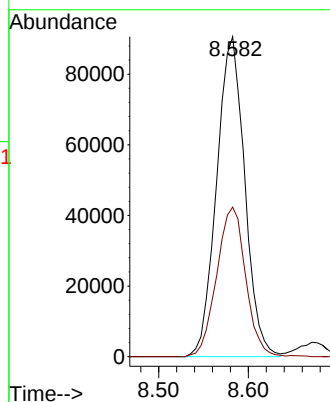
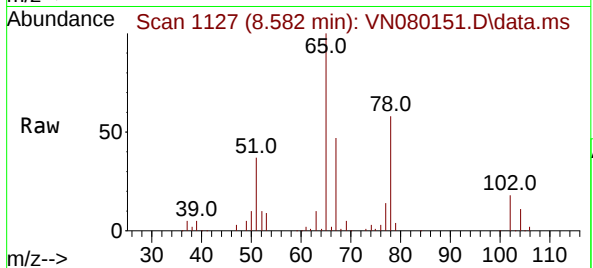
67 48.1 0.0 106.6

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: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

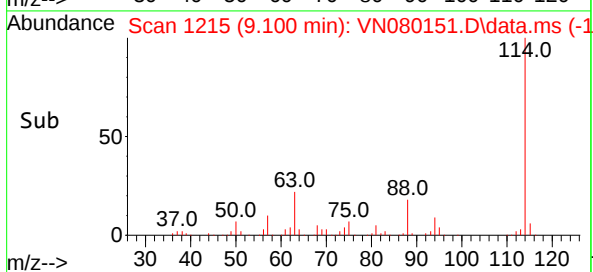
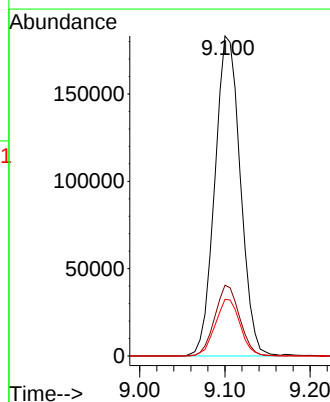
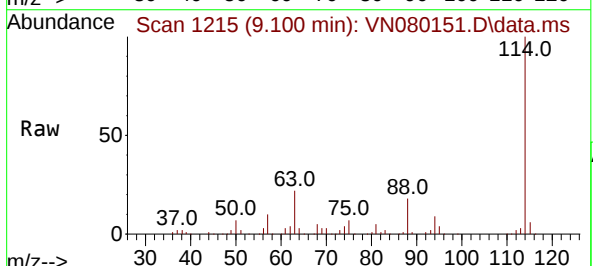
Tgt Ion:114 Resp: 381505

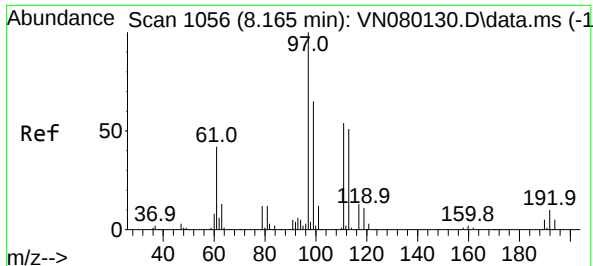
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

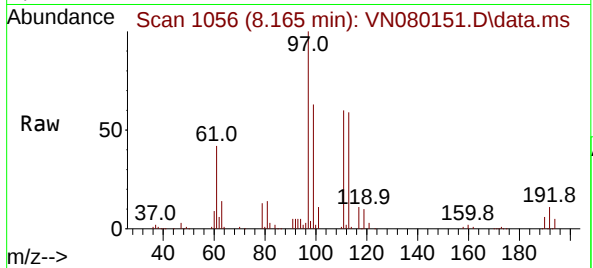
88 17.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.349 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

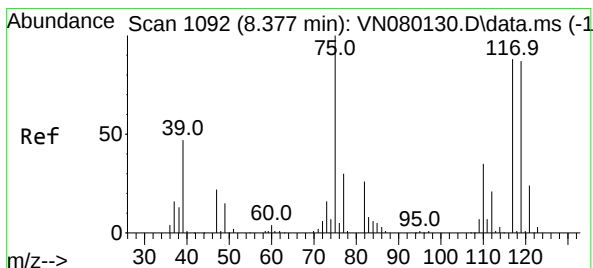
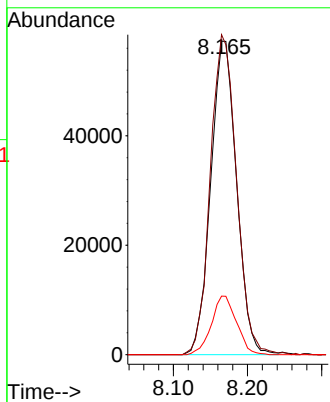
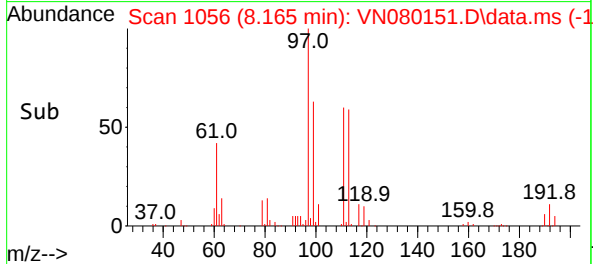
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



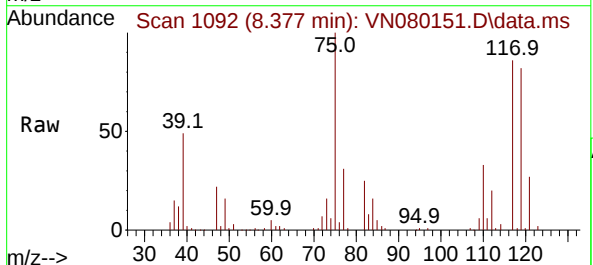
Tgt Ion:113 Resp: 138919
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.2 12.7 19.1

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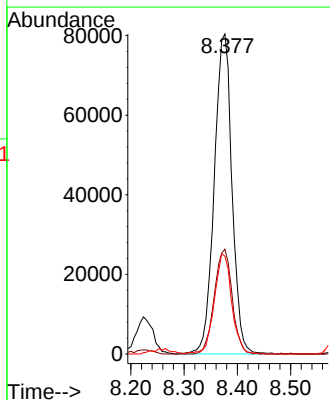
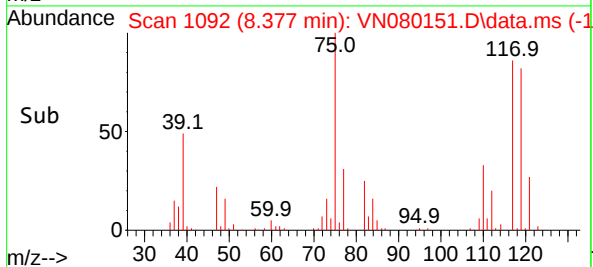
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

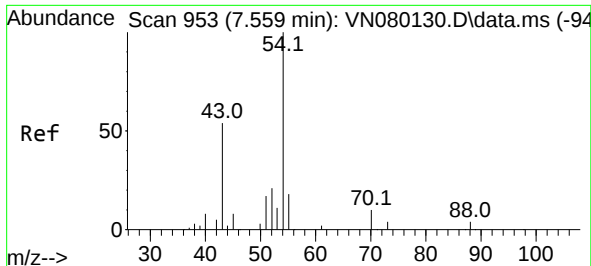


#36
1,1-Dichloropropene
Concen: 45.636 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



Tgt Ion: 75 Resp: 185992
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 50.088 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 141590

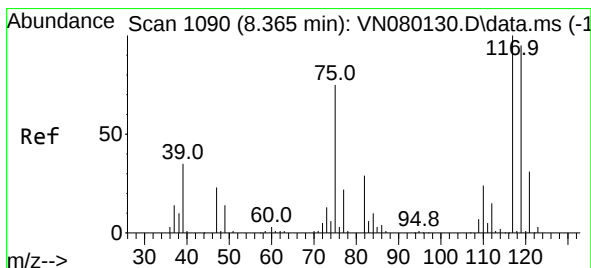
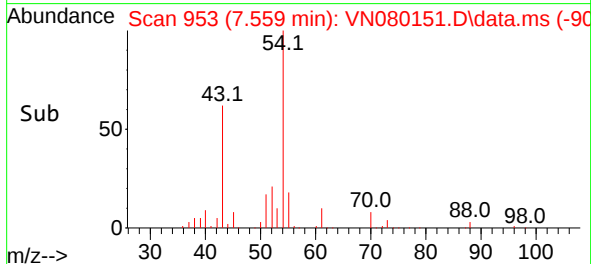
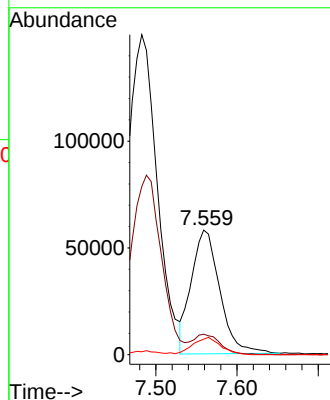
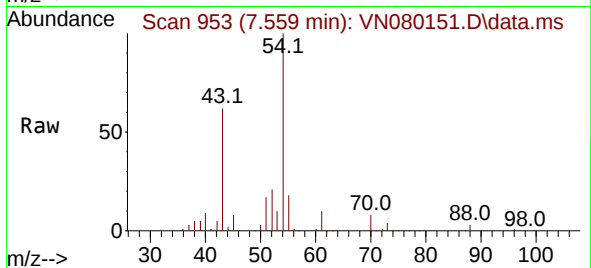
Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.2	19.8
70	13.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 44.462 ug/l

RT: 8.365 min Scan# 1090

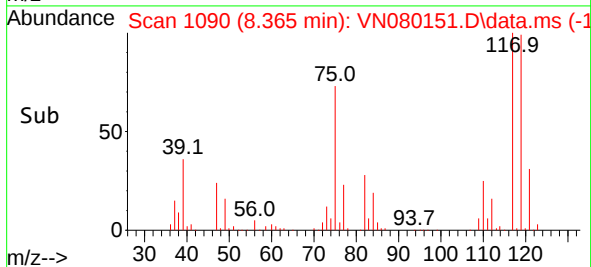
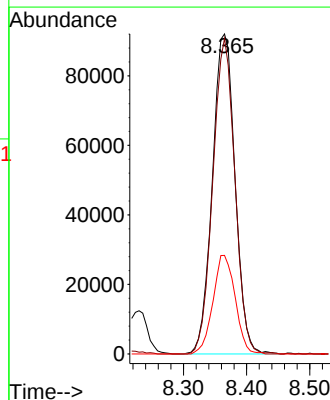
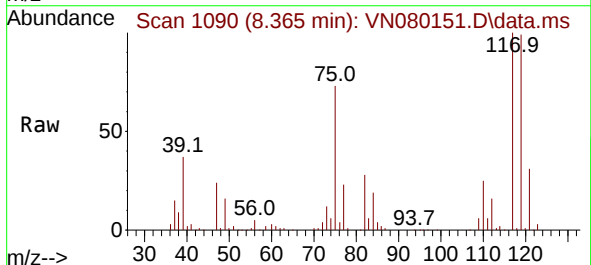
Delta R.T. -0.000 min

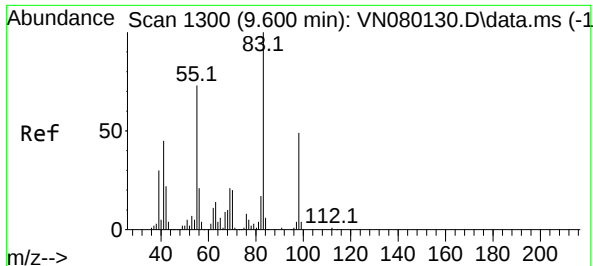
Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Tgt Ion:117 Resp: 229952

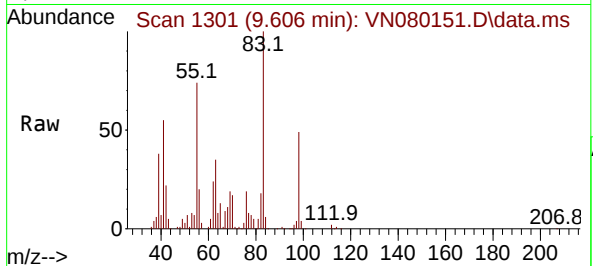
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.3	115.9
121	30.8	23.3	34.9





#39
Methylcyclohexane
Concen: 44.629 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

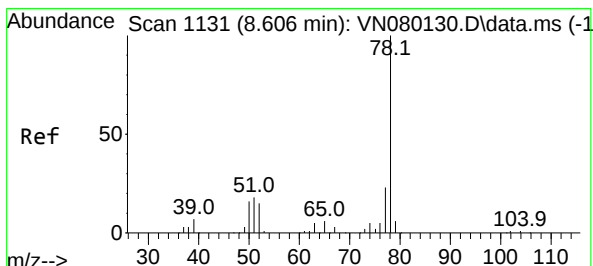
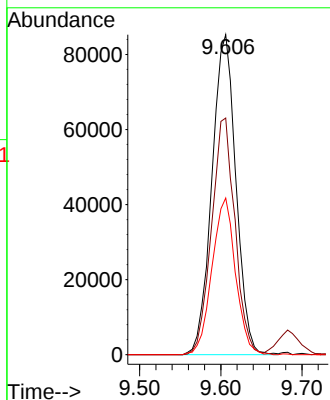
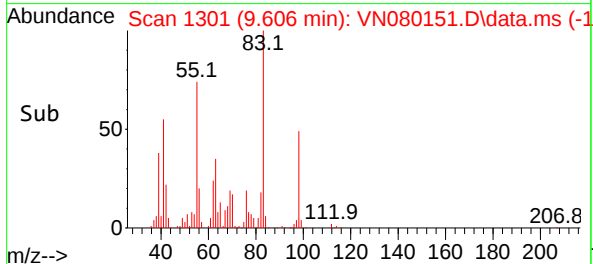
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 175378
Ion Ratio Lower Upper
83 100
55 73.9 49.1 73.7
98 48.9 40.6 61.0

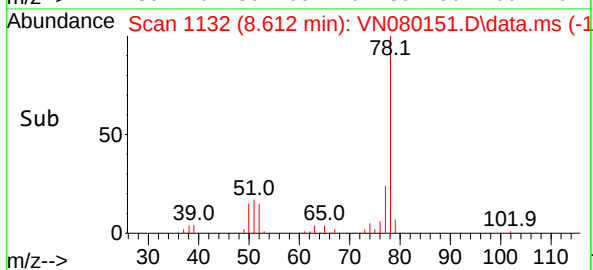
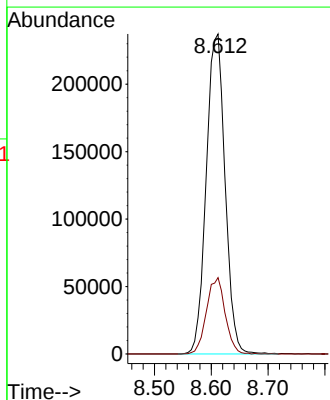
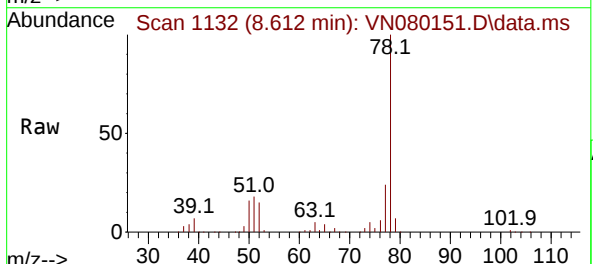
Manual Integrations
APPROVED

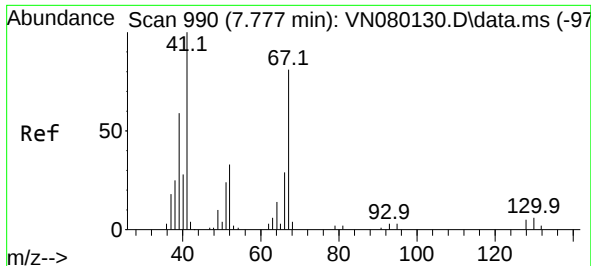
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 47.005 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

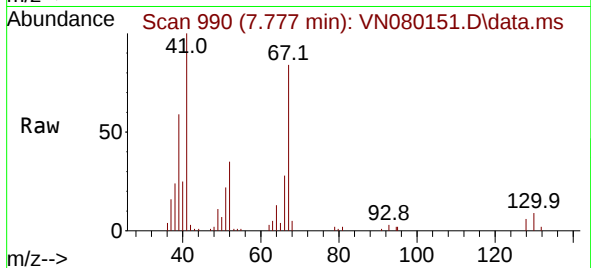
Tgt Ion: 78 Resp: 544472
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 53.260 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

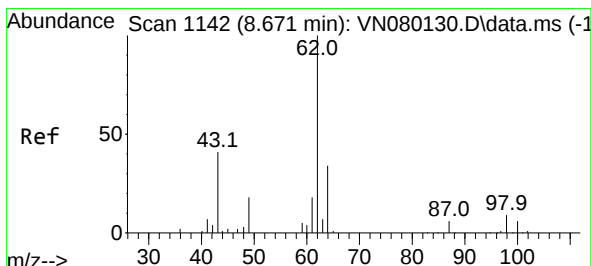
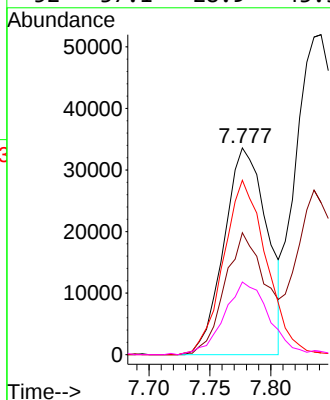
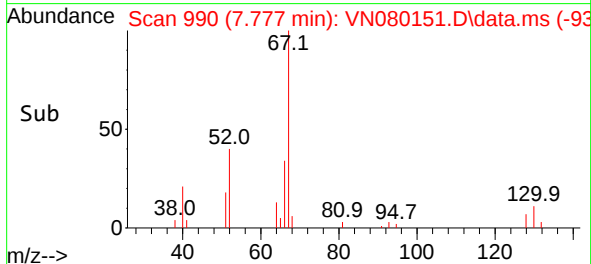
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



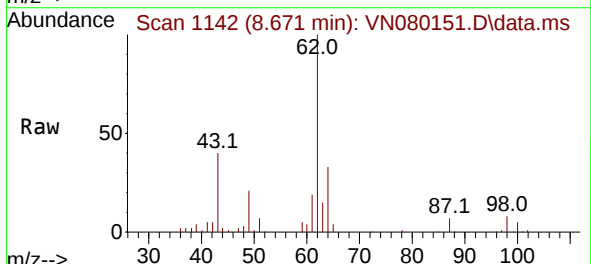
Tgt Ion: 41 Resp: 82685
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 84.3 77.5 116.3
52 37.1 28.9 43.3

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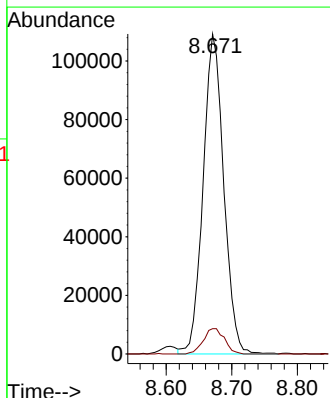
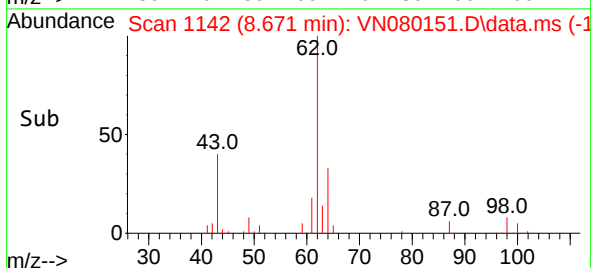
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

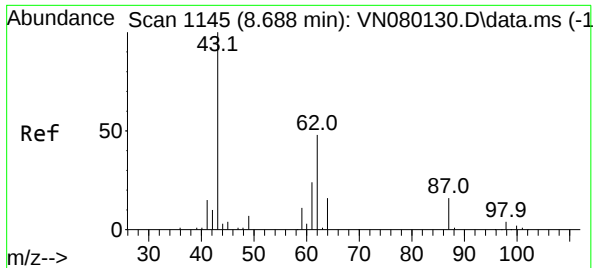


#42
1,2-Dichloroethane
Concen: 50.411 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



Tgt Ion: 62 Resp: 238898
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 44.479 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 244688

Ion Ratio Lower Upper

43 100

61 32.0 24.7 37.1

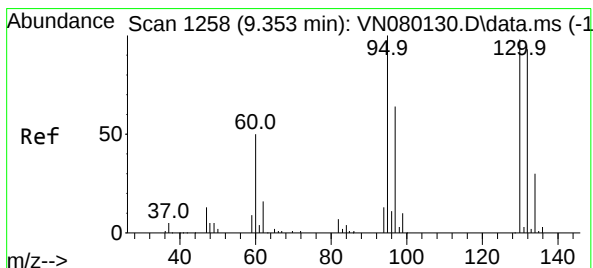
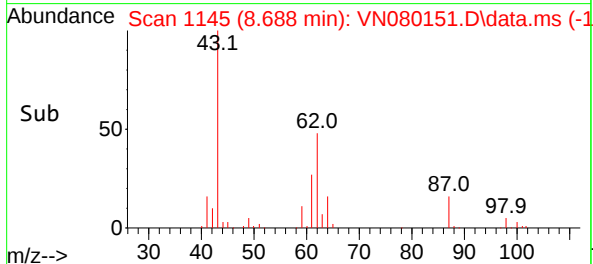
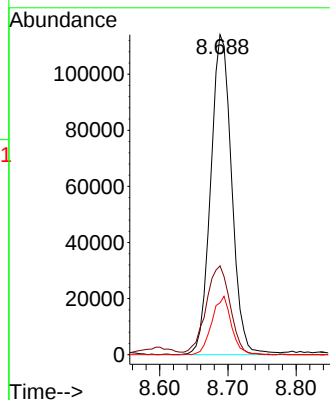
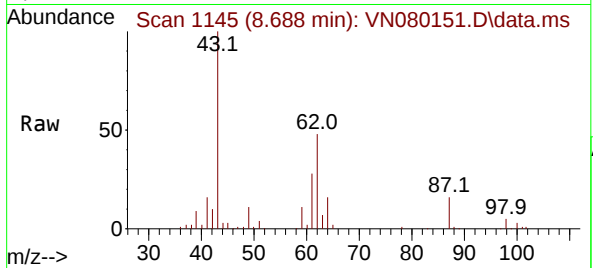
87 17.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 46.265 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080151.D

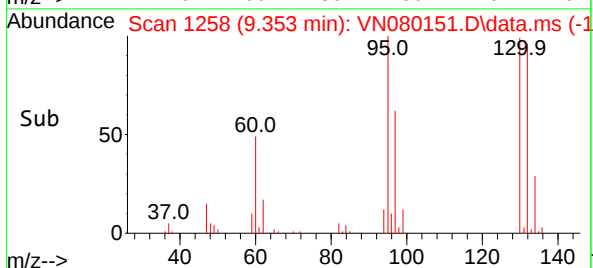
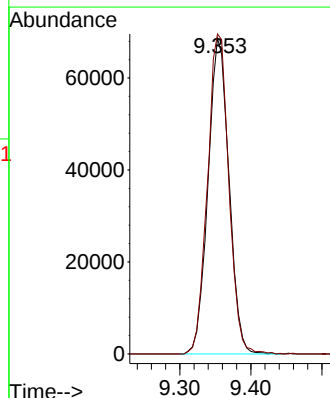
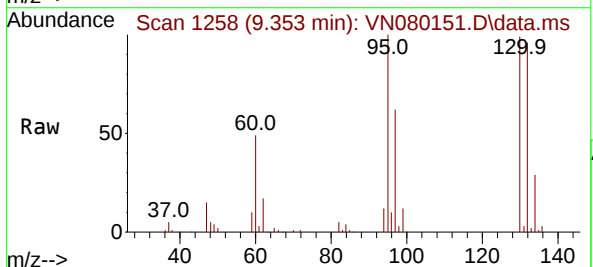
Acq: 17 Nov 2023 10:20

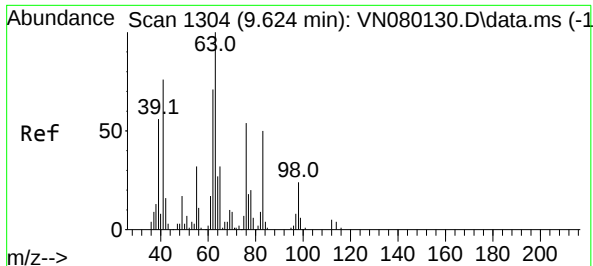
Tgt Ion:130 Resp: 140572

Ion Ratio Lower Upper

130 100

95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.597 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 133508

Ion Ratio Lower Upper

63 100

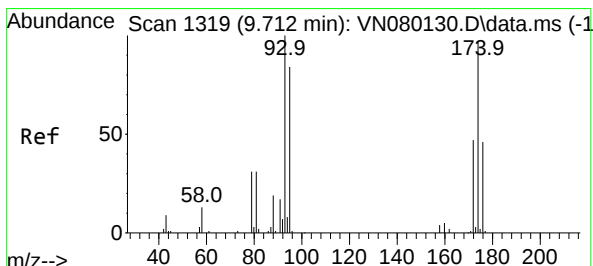
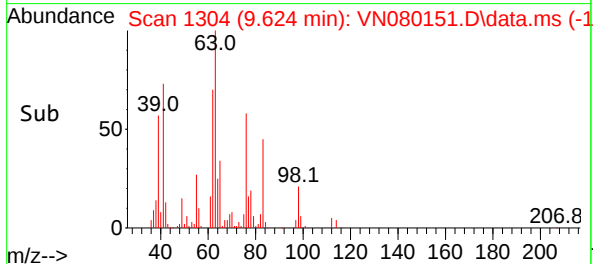
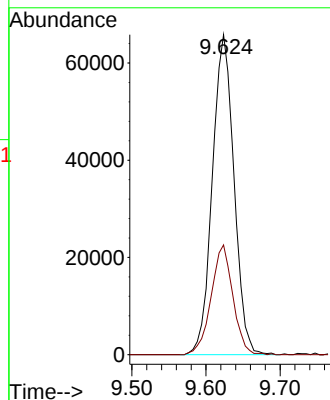
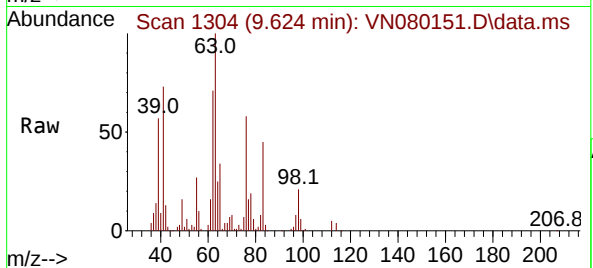
65 34.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 50.405 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

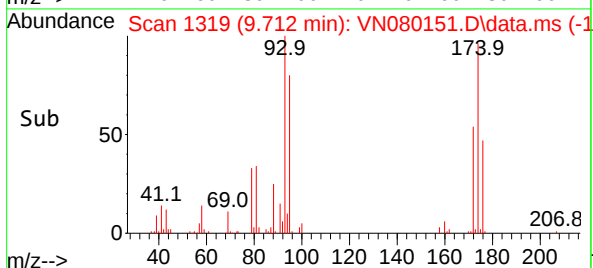
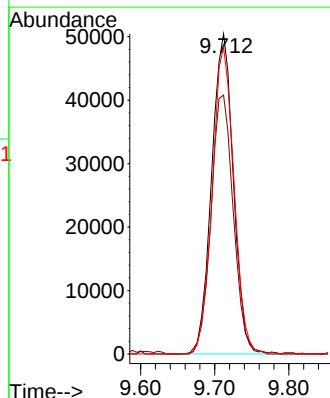
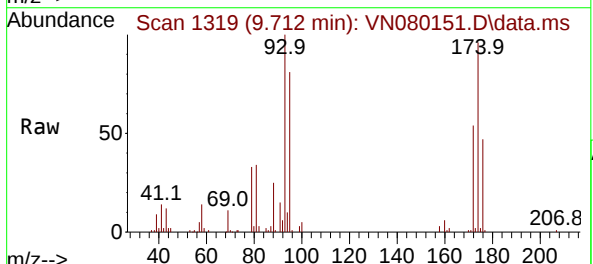
Tgt Ion: 93 Resp: 102708

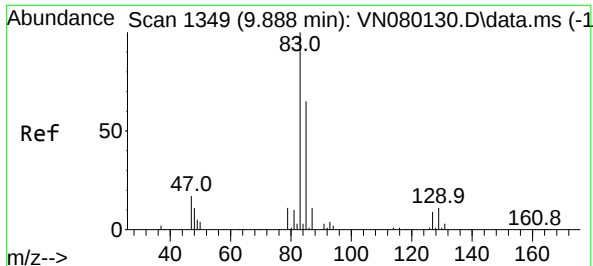
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

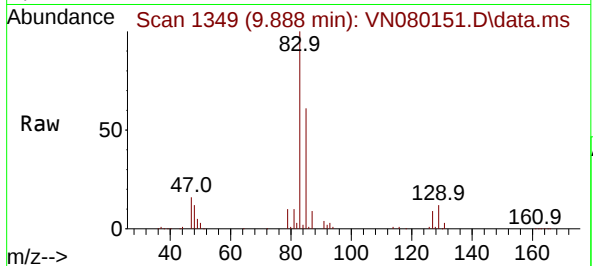
174 95.8 65.6 98.4





#47
Bromodichloromethane
Concen: 50.788 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

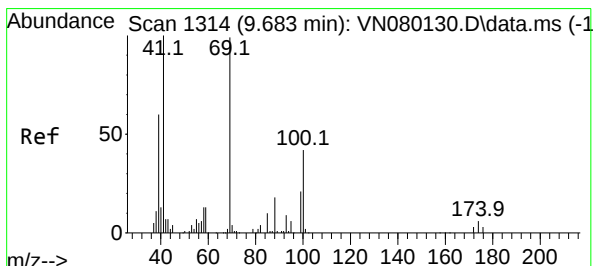
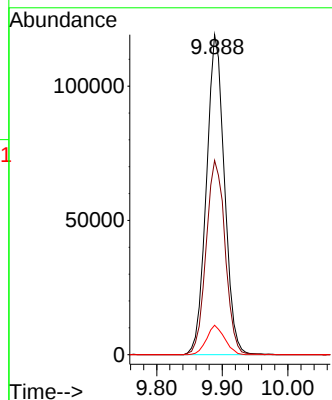
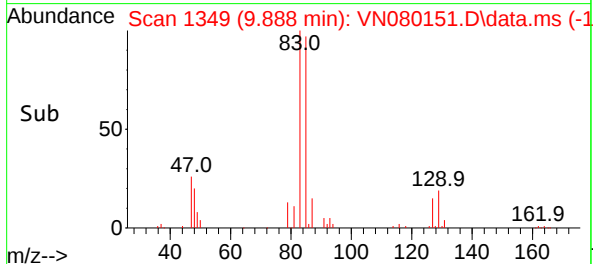
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 227644
Ion Ratio Lower Upper
83 100
85 60.7 49.6 74.4
127 9.2 7.0 10.6

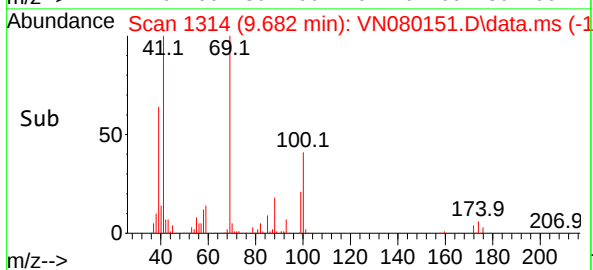
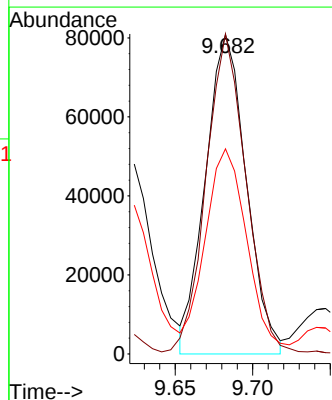
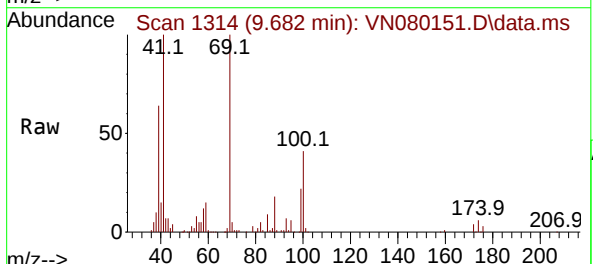
Manual Integrations
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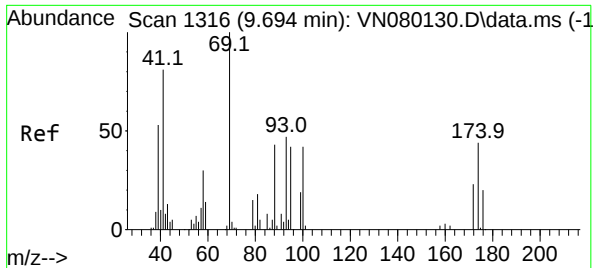
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 52.220 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 41 Resp: 148043
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 66.4 54.6 81.8





#49

1,4-Dioxane

Concen: 991.238 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

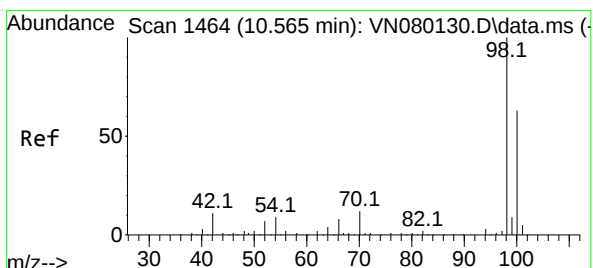
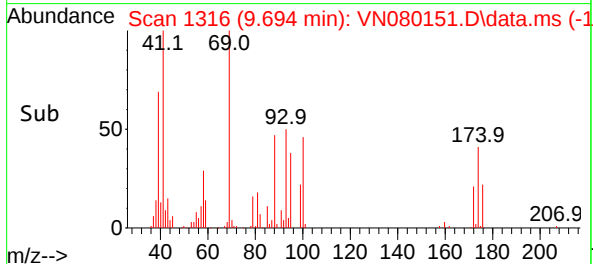
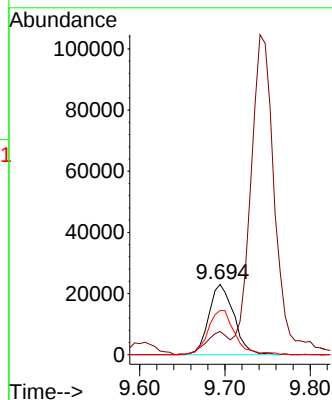
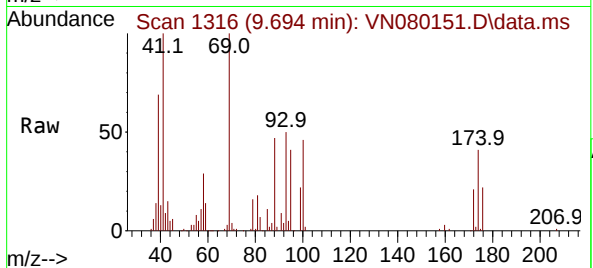
Tgt Ion: 88 Resp: 46750
 Ion Ratio Lower Upper
 88 100
 43 28.5 17.0 25.6
 58 67.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 48.628 ug/l

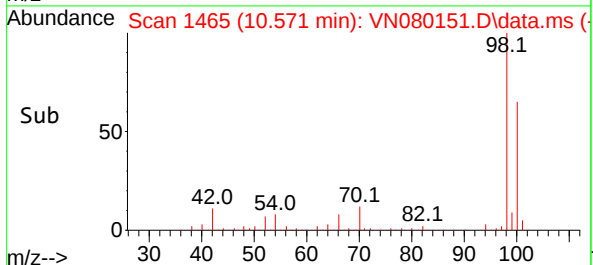
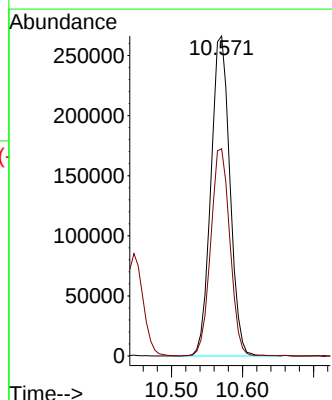
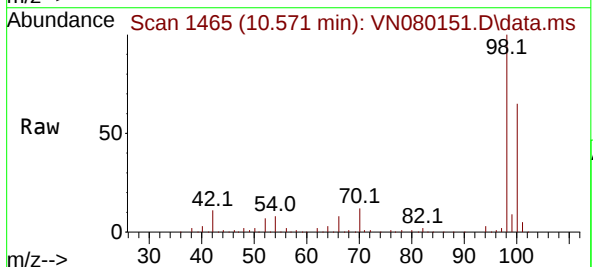
RT: 10.571 min Scan# 1465

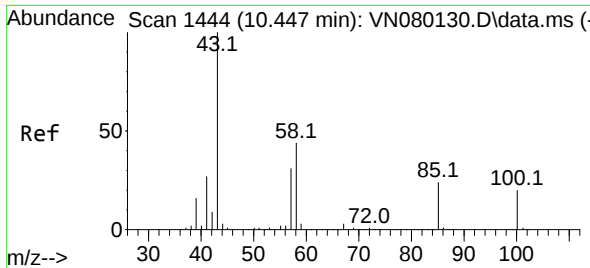
Delta R.T. 0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

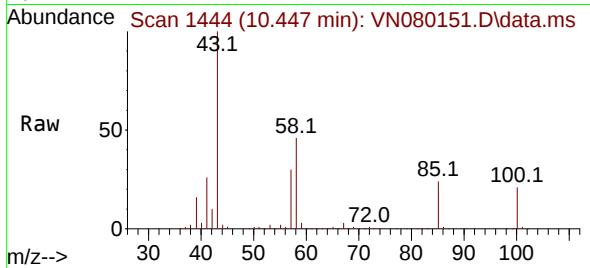
Tgt Ion: 98 Resp: 493458
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 257.511 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

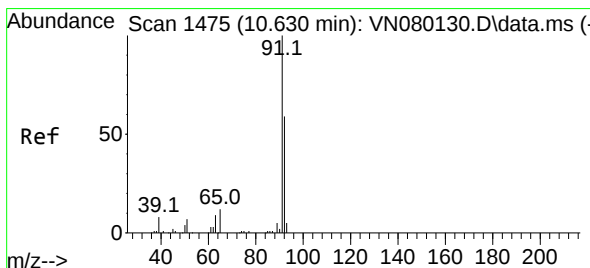
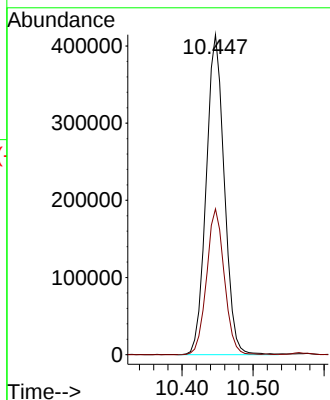
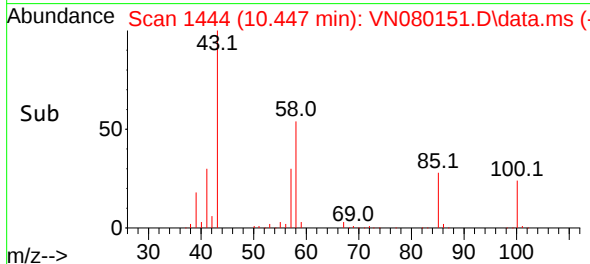
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 733418
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

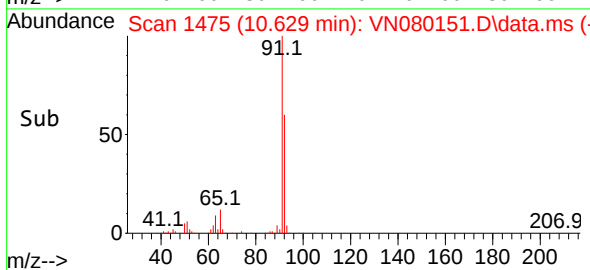
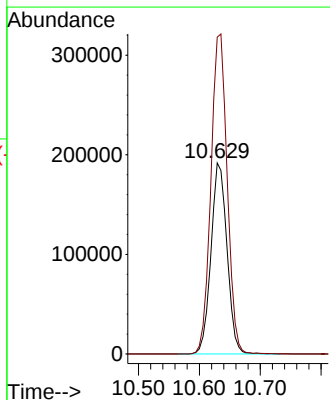
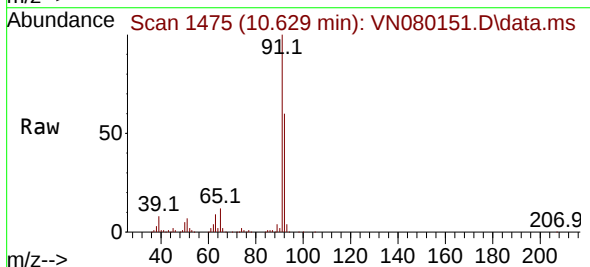
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 48.299 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 92 Resp: 350119
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0





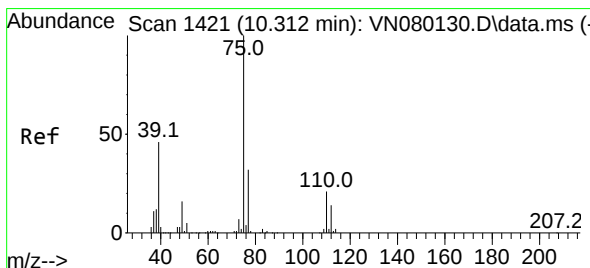
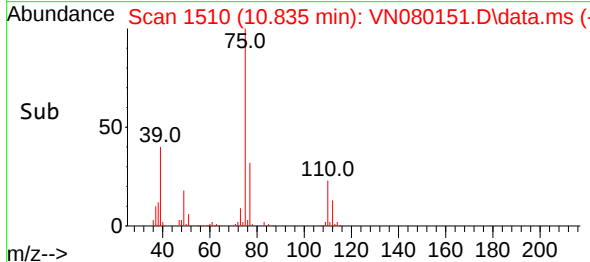
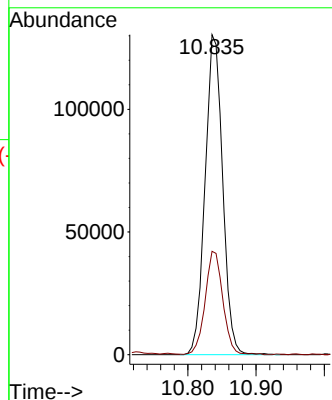
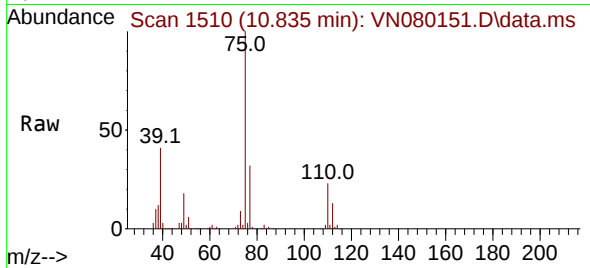
#53
t-1,3-Dichloropropene
Concen: 50.611 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 233072
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

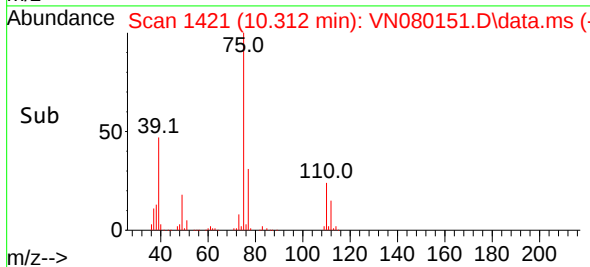
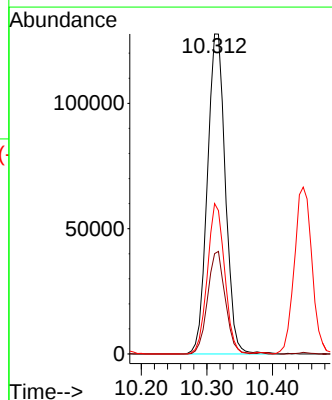
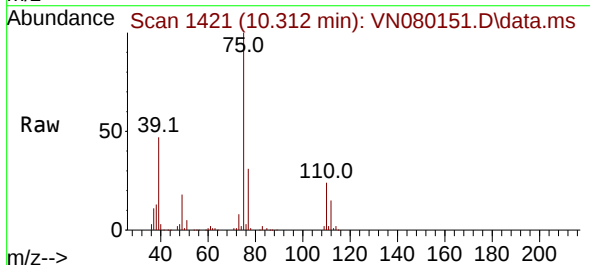
Manual Integrations
APPROVED

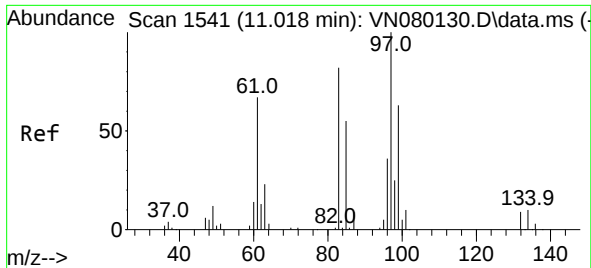
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.802 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

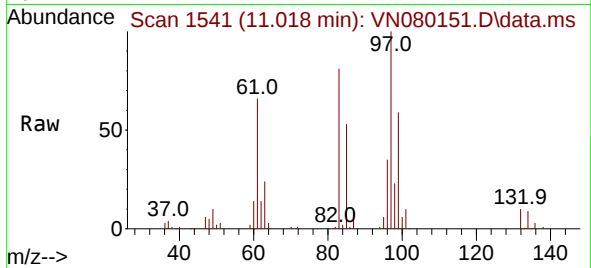
Tgt Ion: 75 Resp: 243723
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.038 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

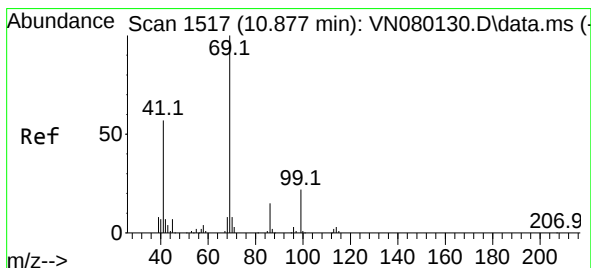
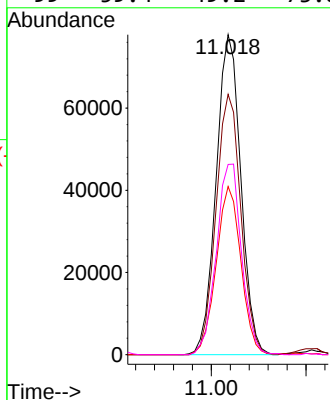
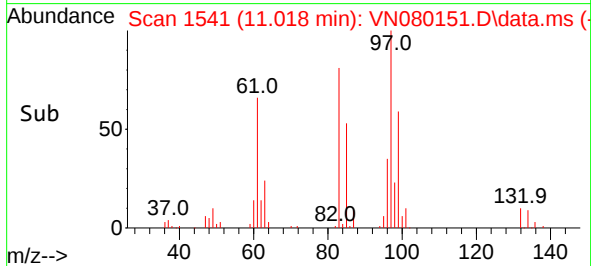
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



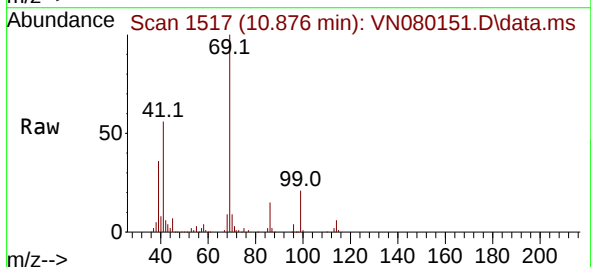
Tgt Ion: 97 Resp: 141209
Ion Ratio Lower Upper
97 100
83 81.3 65.1 97.7
85 52.6 43.4 65.2
99 59.4 49.2 73.8

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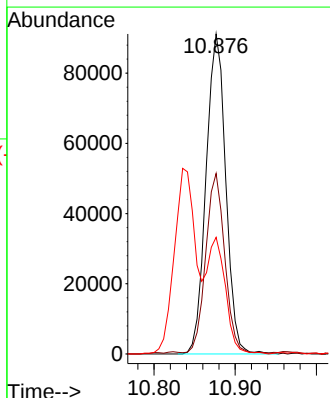
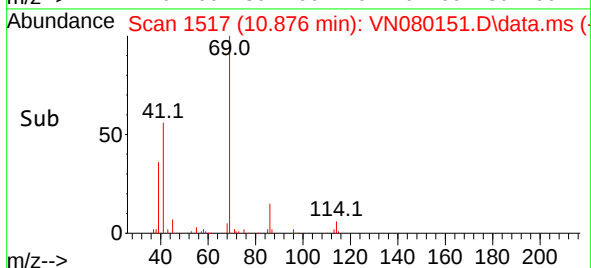
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

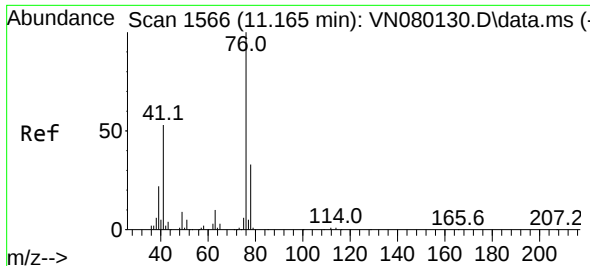


#56
Ethyl methacrylate
Concen: 54.343 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



Tgt Ion: 69 Resp: 153599
Ion Ratio Lower Upper
69 100
41 54.2 39.6 59.4
39 34.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.255 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 242764

Ion Ratio Lower Upper

76 100

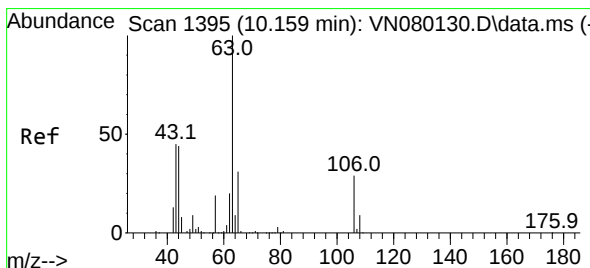
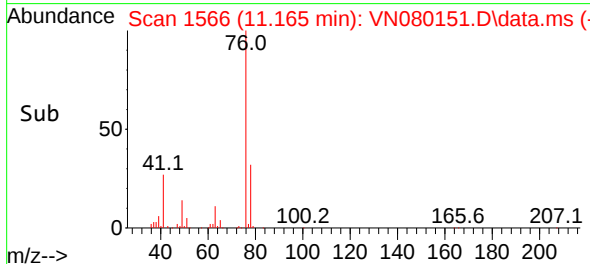
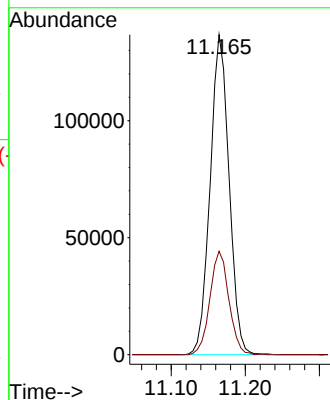
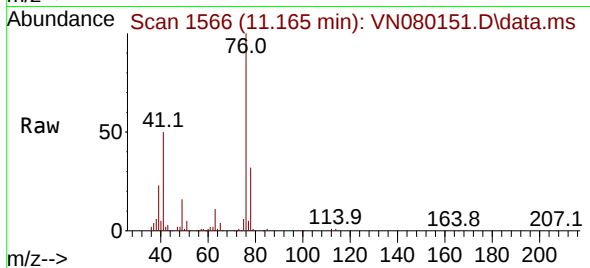
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 275.851 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080151.D

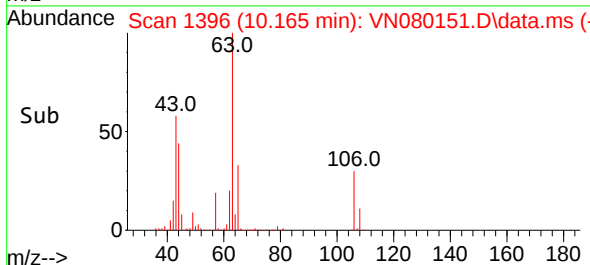
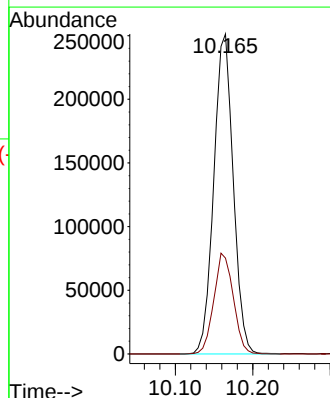
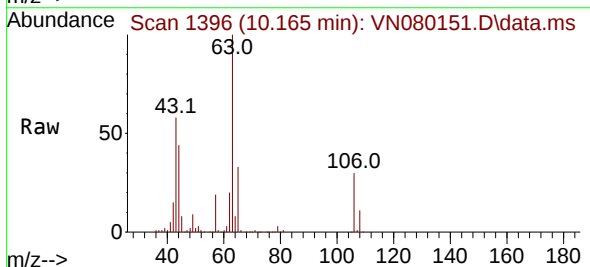
Acq: 17 Nov 2023 10:20

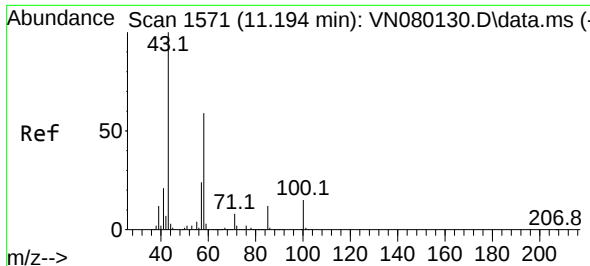
Tgt Ion: 63 Resp: 439251

Ion Ratio Lower Upper

63 100

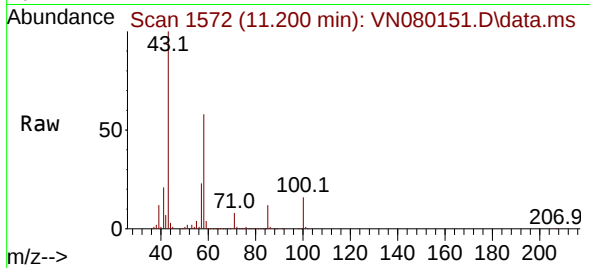
106 31.5 26.2 39.4





#59
2-Hexanone
Concen: 255.158 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

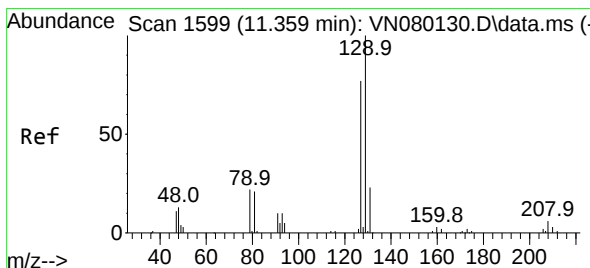
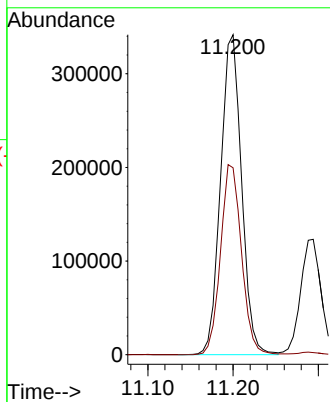
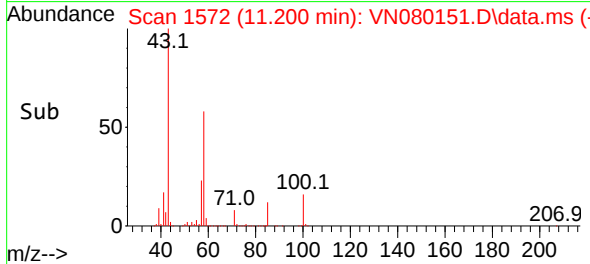
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 583958
Ion Ratio Lower Upper
43 100
58 59.5 31.7 95.1

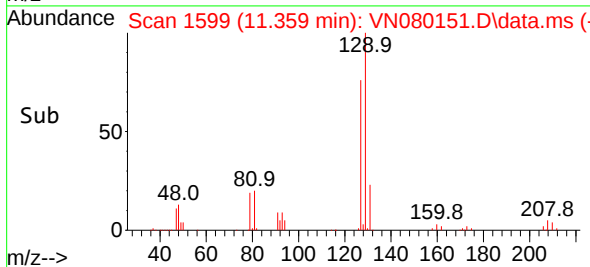
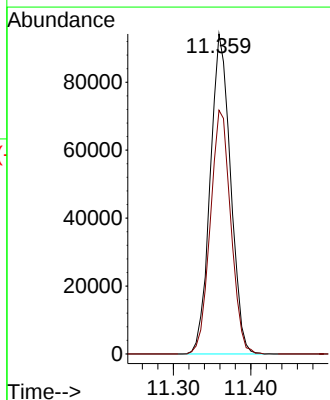
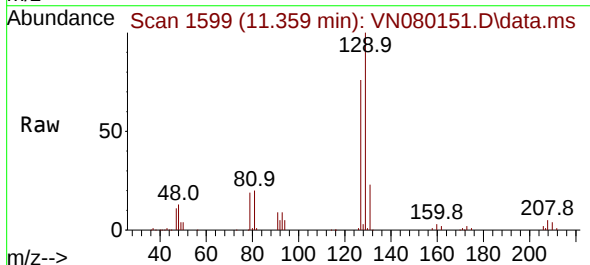
Manual Integrations
APPROVED

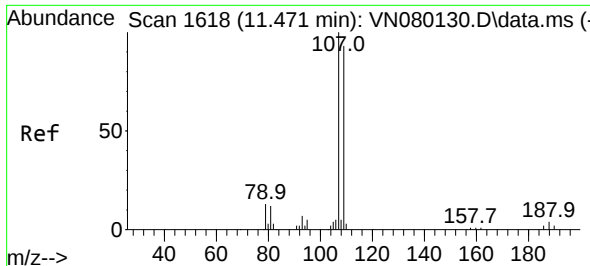
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 51.823 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

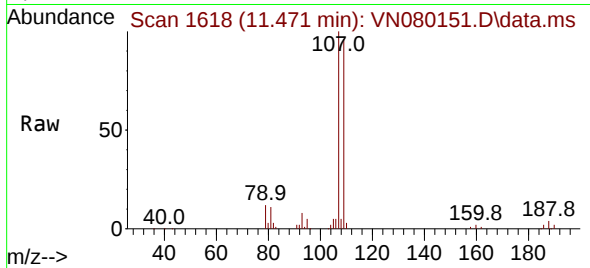
Tgt Ion:129 Resp: 171659
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.214 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

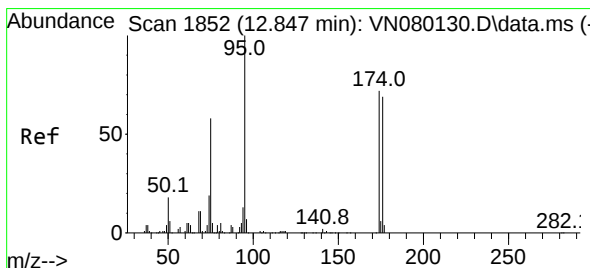
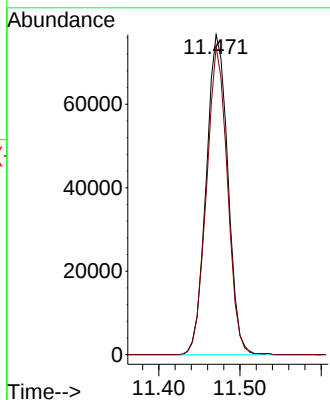
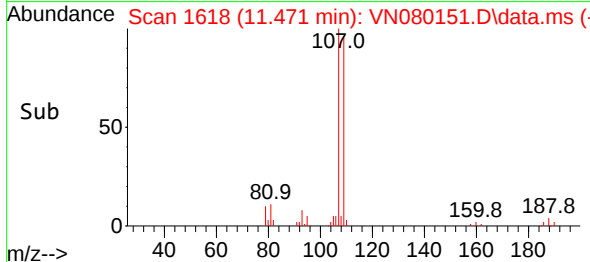
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



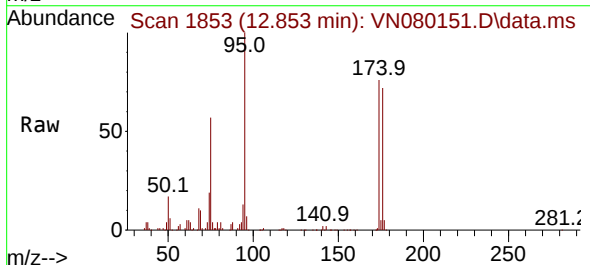
Tgt Ion:107 Resp: 141733
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

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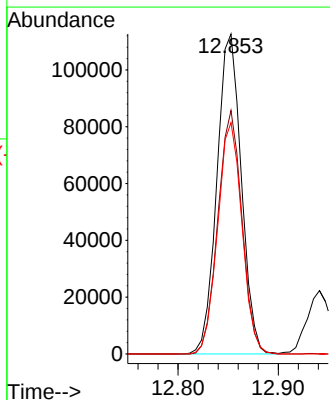
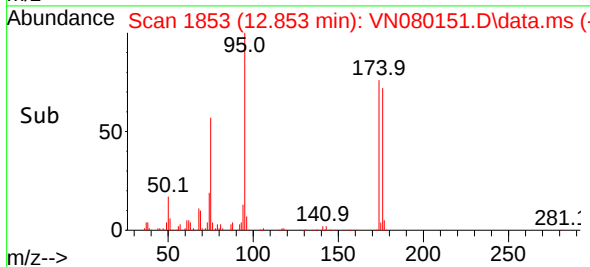
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

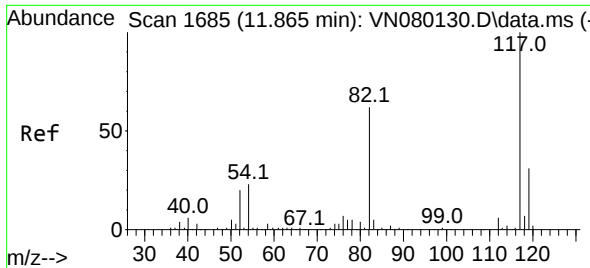


#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



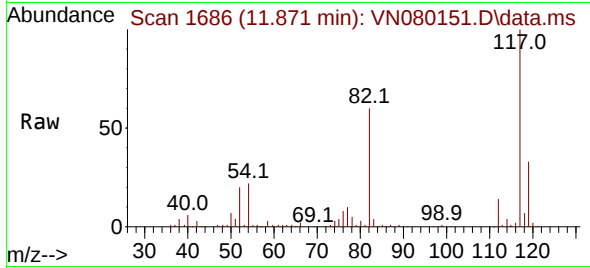
Tgt Ion: 95 Resp: 190046
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

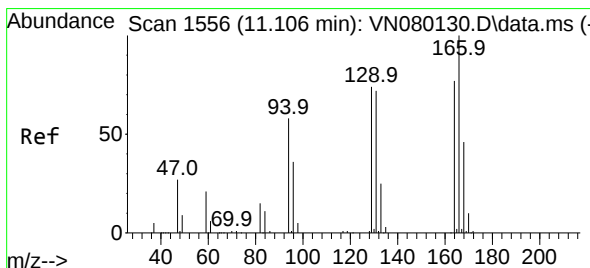
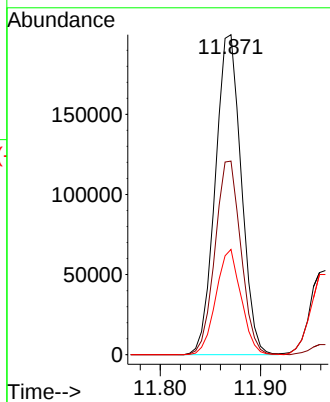
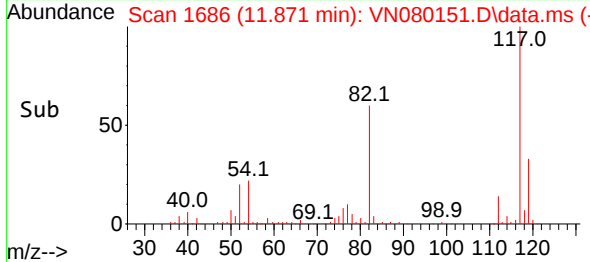
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 35887
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 32.9 25.6 38.4

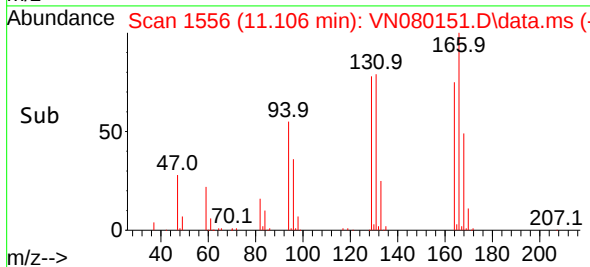
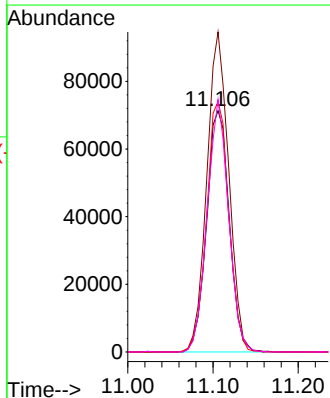
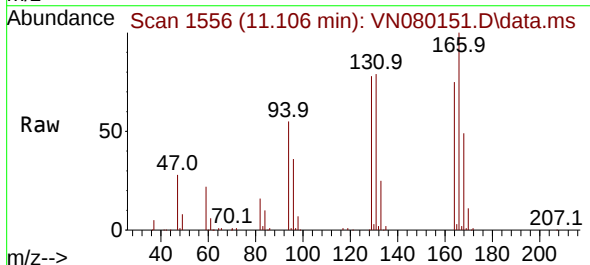
Manual Integrations
APPROVED

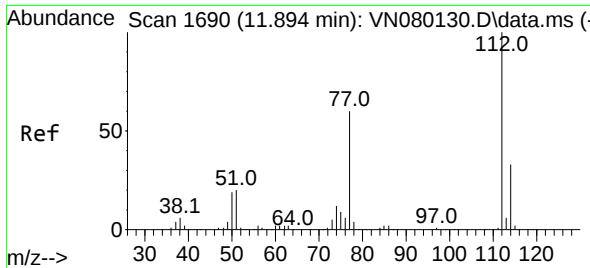
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 47.917 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:164 Resp: 131233
Ion Ratio Lower Upper
164 100
166 132.6 101.4 152.0
129 103.8 82.4 123.6
131 104.6 78.2 117.4





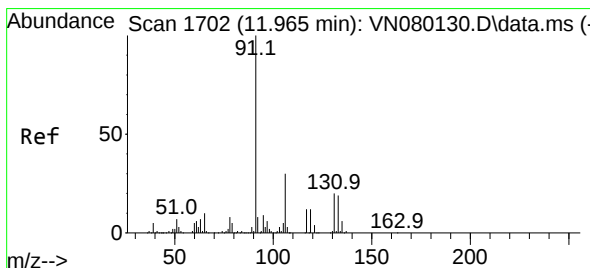
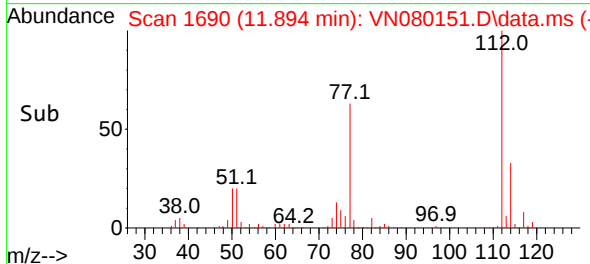
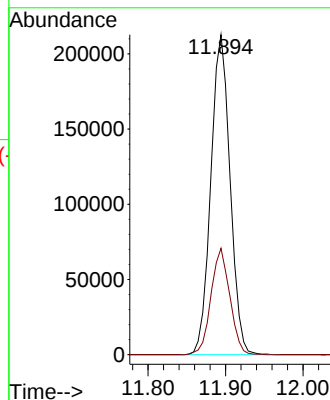
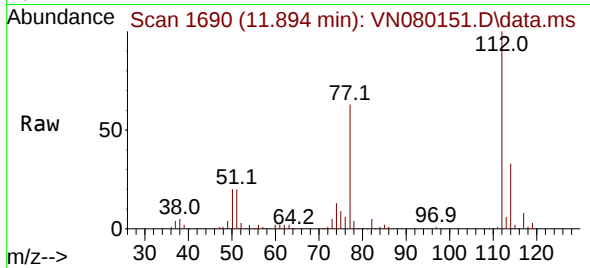
#65
Chlorobenzene
Concen: 45.092 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 36668
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

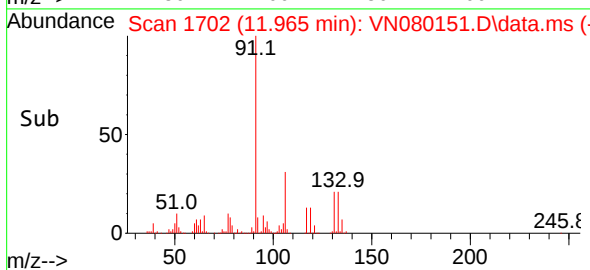
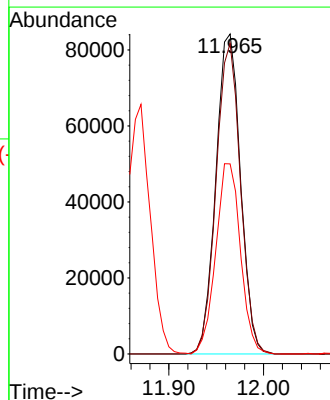
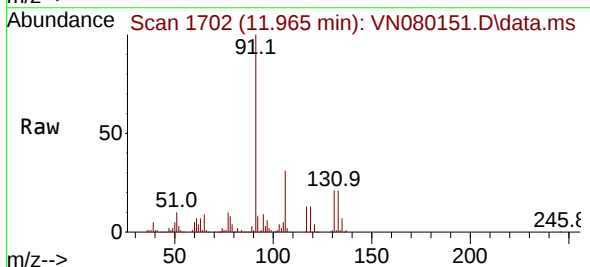
Manual Integrations
APPROVED

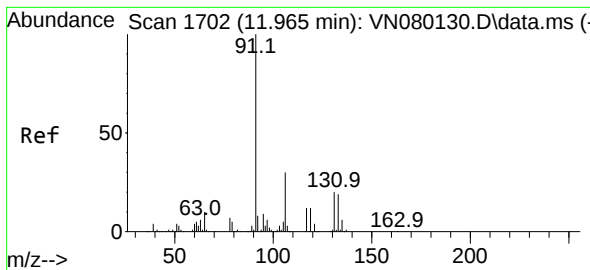
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.293 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:131 Resp: 152396
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 59.7 34.1 102.2





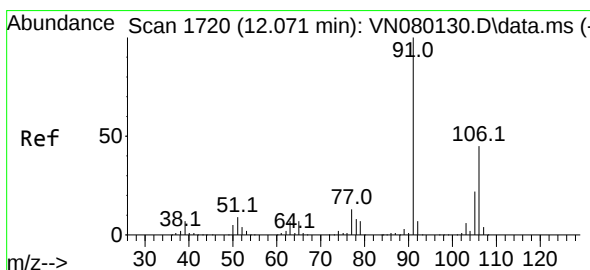
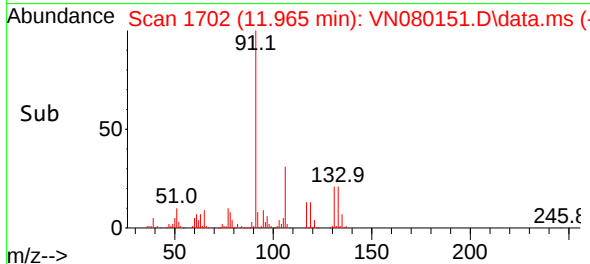
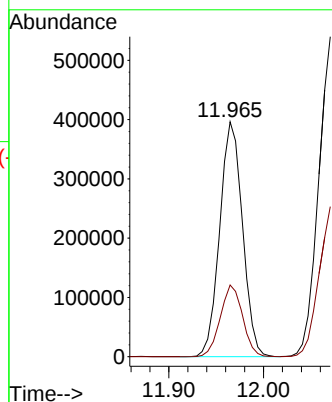
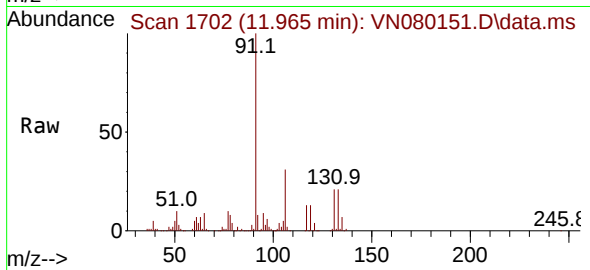
#67
Ethyl Benzene
Concen: 45.797 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 662689
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

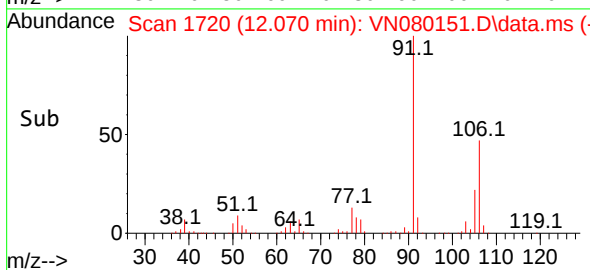
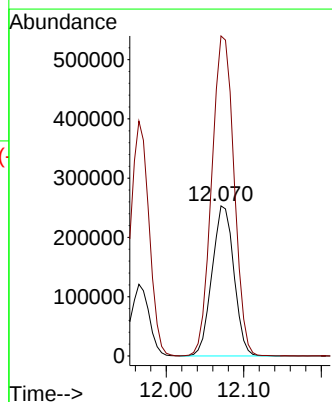
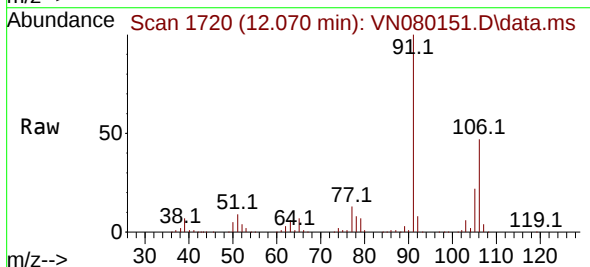
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 94.183 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:106 Resp: 496895
Ion Ratio Lower Upper
106 100
91 217.2 159.6 239.4





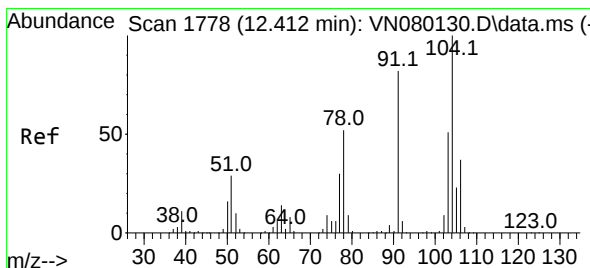
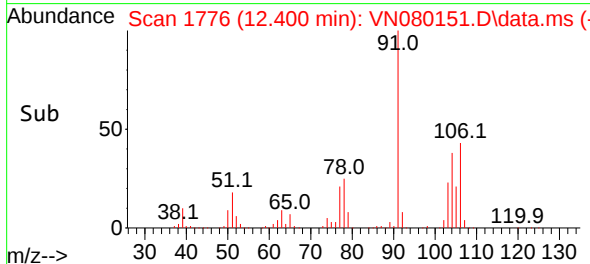
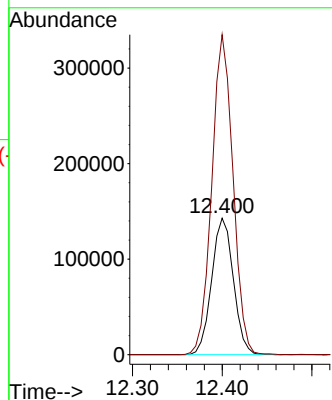
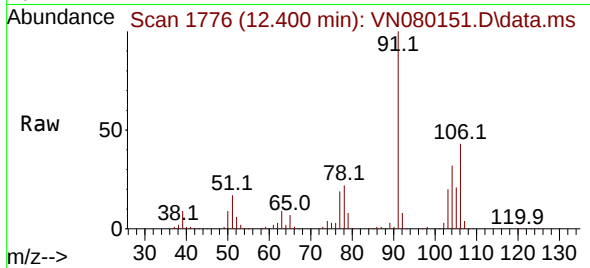
#69
o-Xylene
Concen: 48.249 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 239899
Ion Ratio Lower Upper
106 100
91 229.2 105.2 315.5

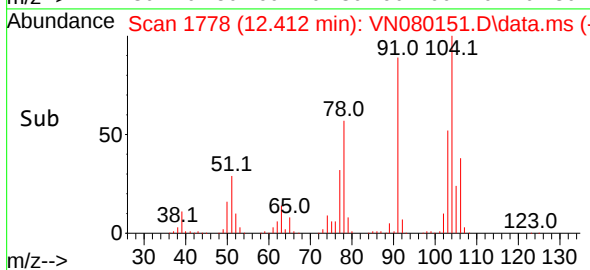
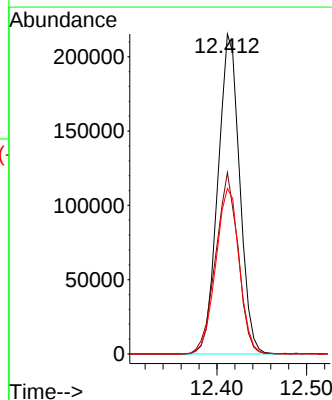
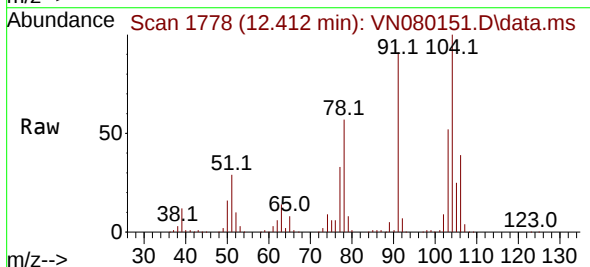
Manual Integrations
APPROVED

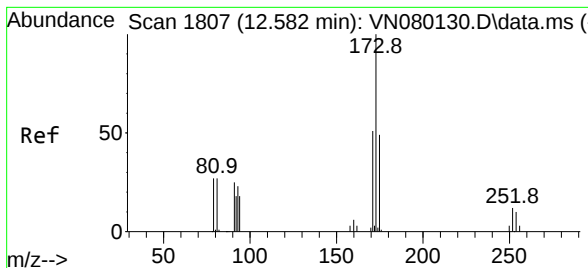
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 48.959 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:104 Resp: 362318
Ion Ratio Lower Upper
104 100
78 58.3 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 49.682 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 116260

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

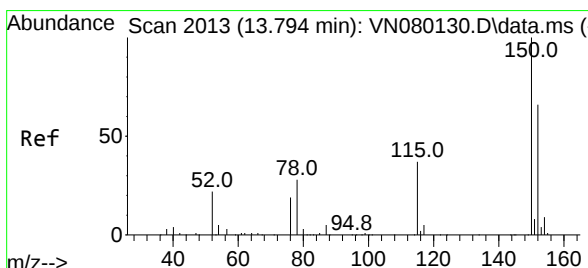
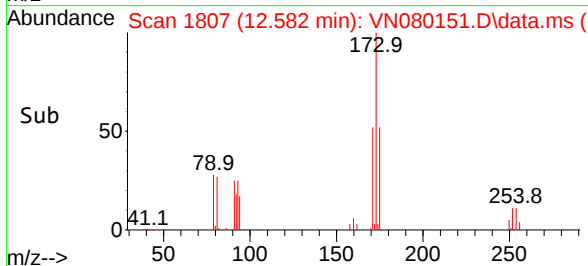
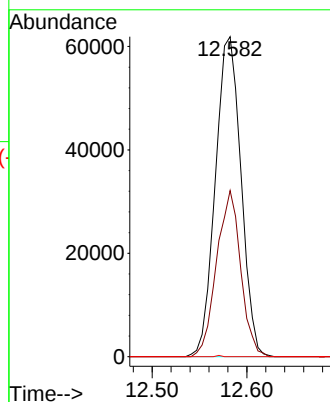
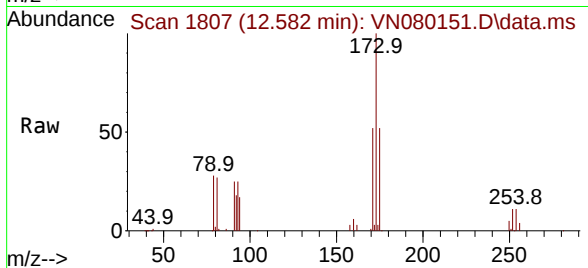
254 0.1 0.0 0.0

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: VN080151.D

Acq: 17 Nov 2023 10:20

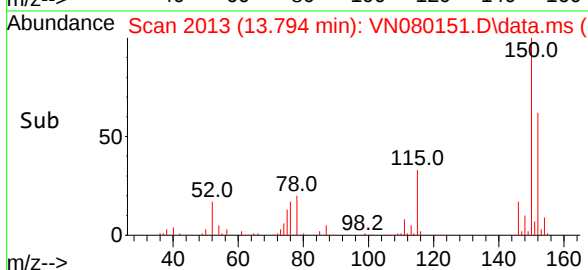
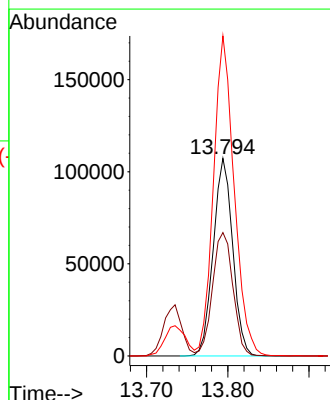
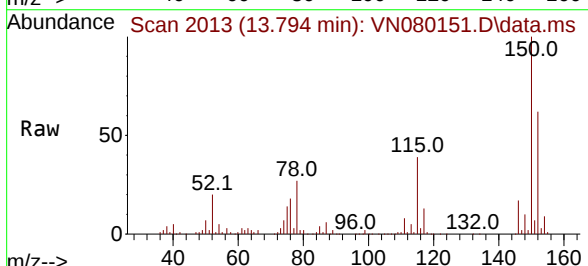
Tgt Ion:152 Resp: 178304

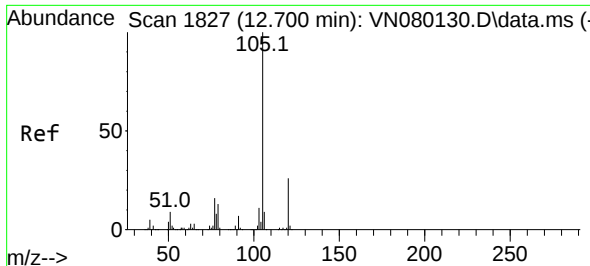
Ion Ratio Lower Upper

152 100

115 65.9 32.3 96.8

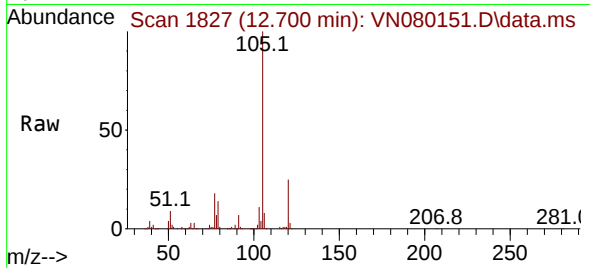
150 172.7 0.0 355.8





#73
Isopropylbenzene
Concen: 44.702 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

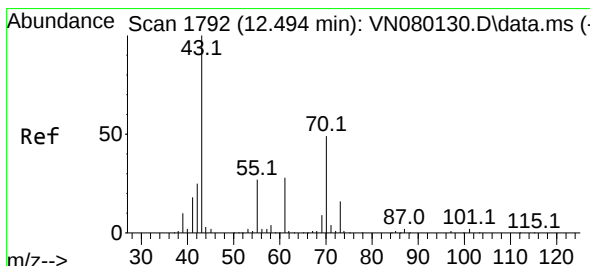
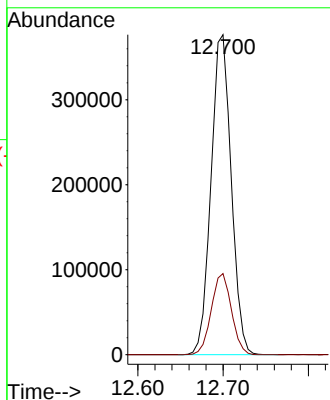
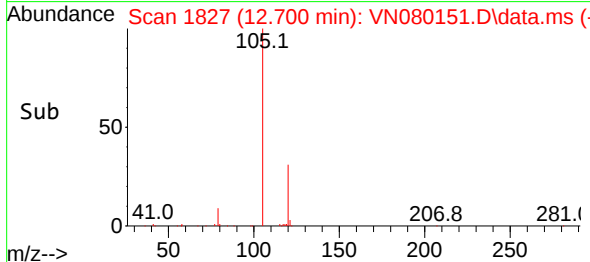
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 61936
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

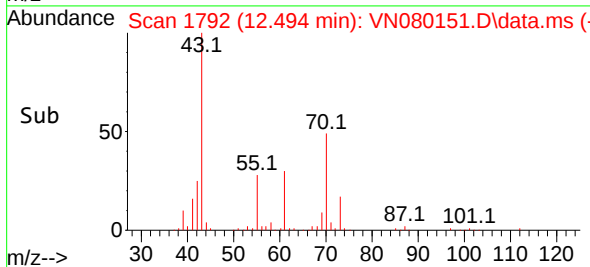
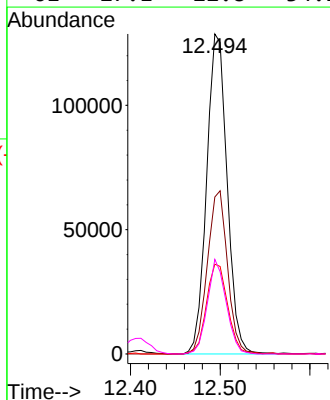
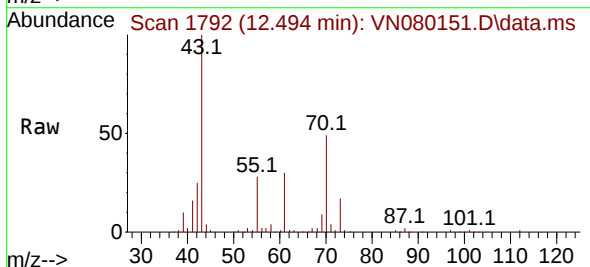
Manual Integrations
APPROVED

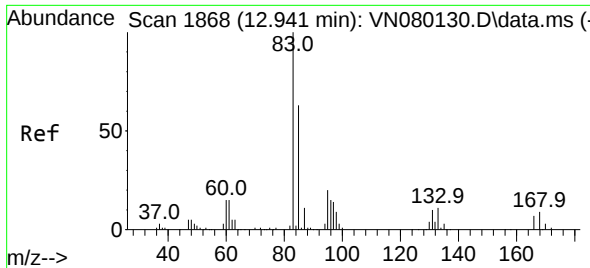
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 47.237 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

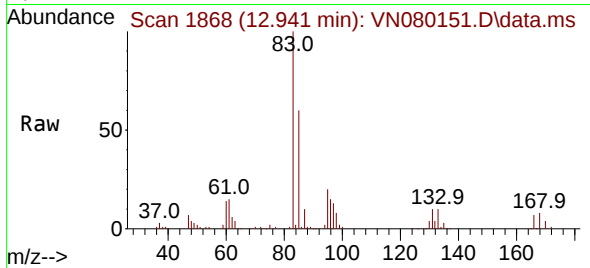
Tgt Ion: 43 Resp: 204102
Ion Ratio Lower Upper
43 100
70 50.4 43.4 65.2
55 29.3 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.577 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

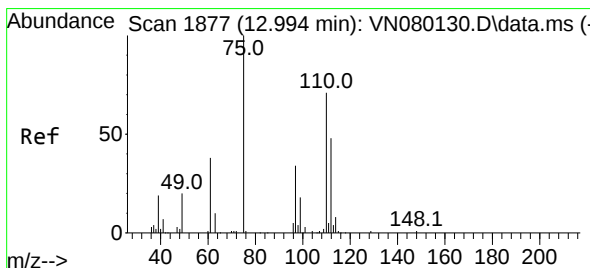
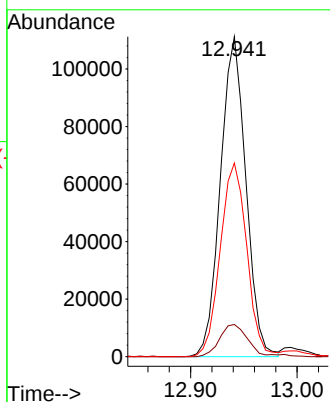
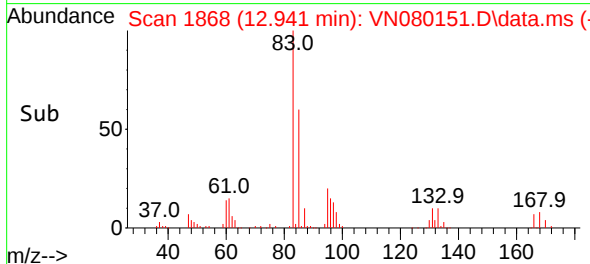
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



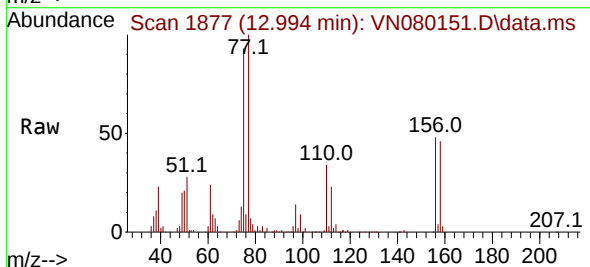
Tgt Ion: 83 Resp: 18485
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 62.9 31.9 95.7

Manual Integrations
APPROVED

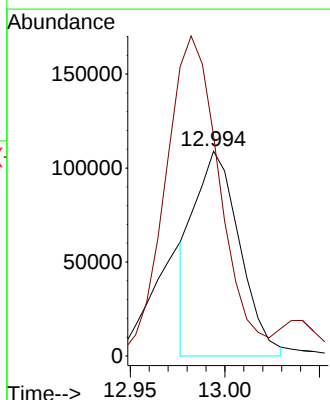
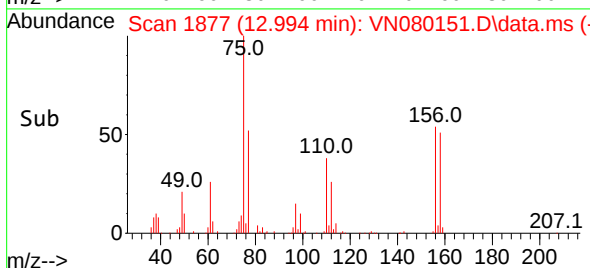
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

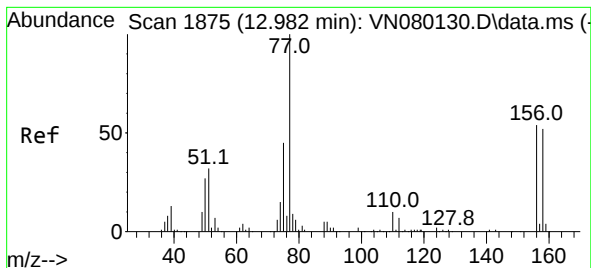


#76
1,2,3-Trichloropropane
Concen: 41.898 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



Tgt Ion: 75 Resp: 183041
Ion Ratio Lower Upper
75 100
77 186.4 84.5 253.5





#77

Bromobenzene

Concen: 45.002 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

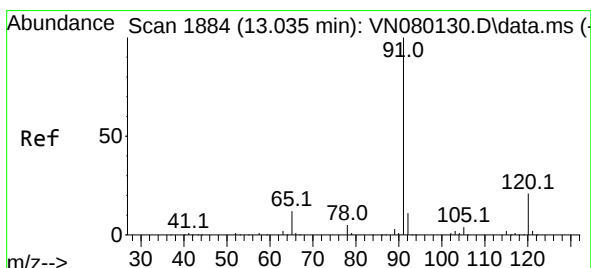
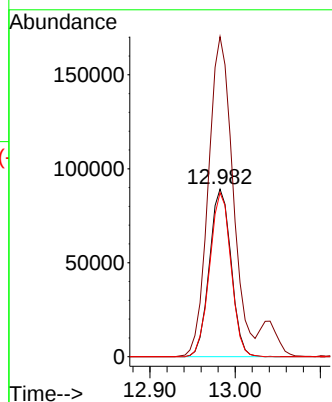
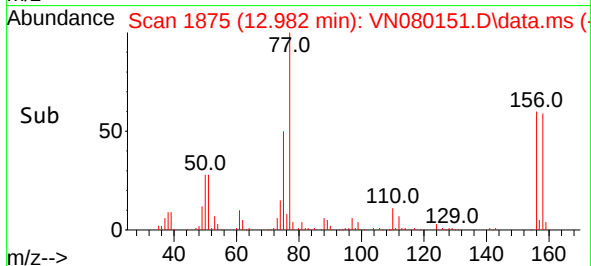
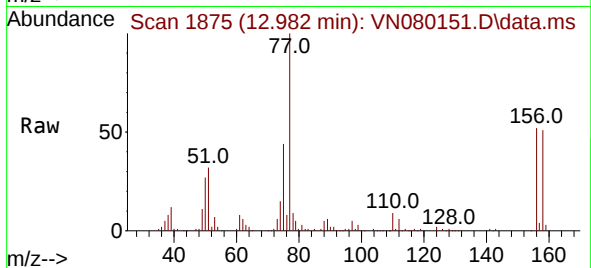
Tgt Ion:156 Resp: 157200
 Ion Ratio Lower Upper
 156 100
 77 217.1 107.7 323.3
 158 96.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 44.924 ug/l

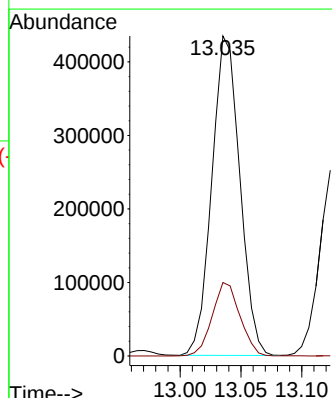
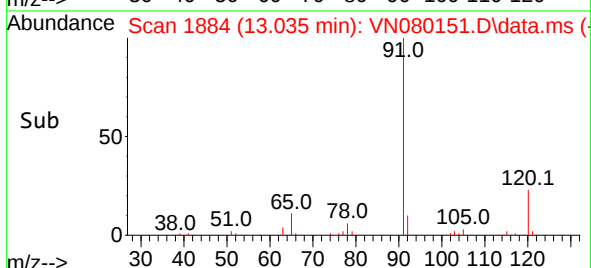
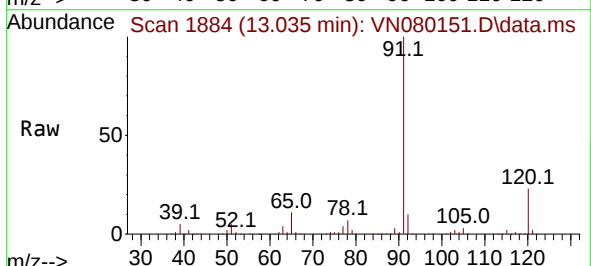
RT: 13.035 min Scan# 1884

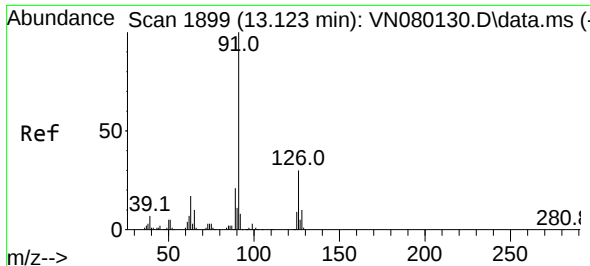
Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Tgt Ion: 91 Resp: 696047
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.5 34.4





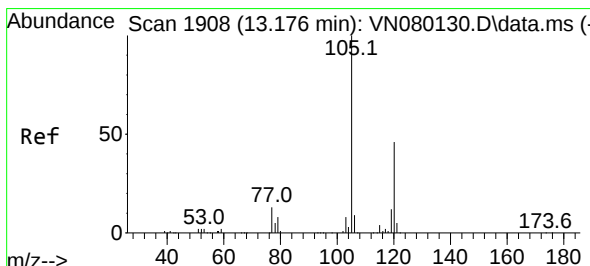
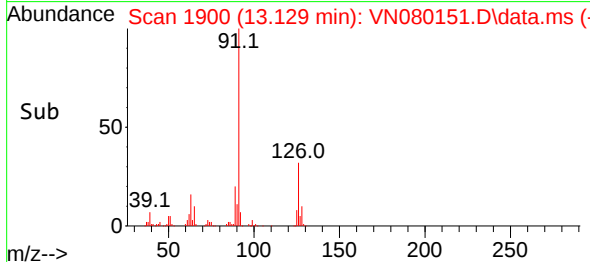
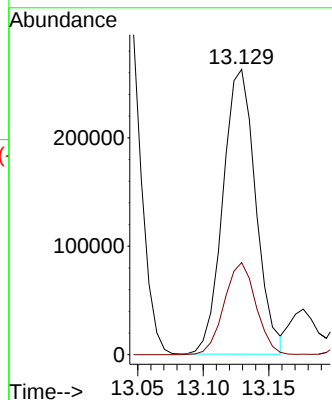
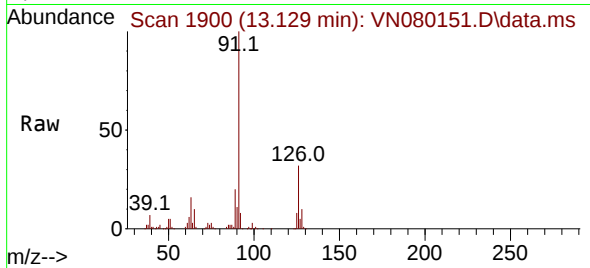
#79
2-Chlorotoluene
Concen: 45.444 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 457308
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

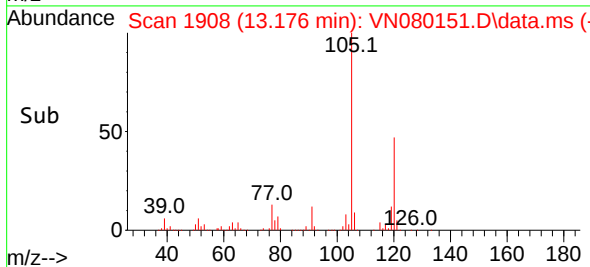
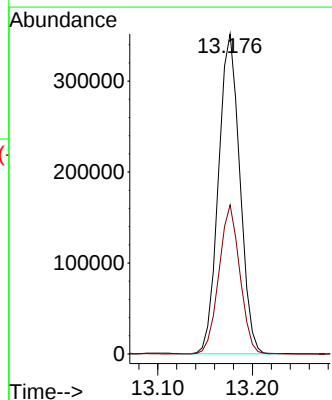
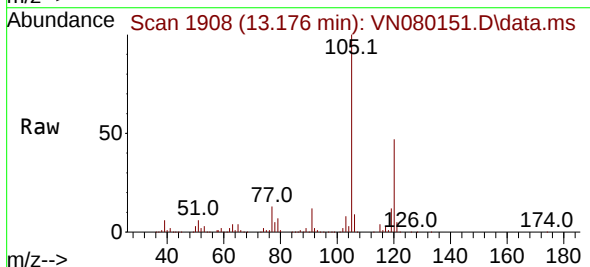
Manual Integrations
APPROVED

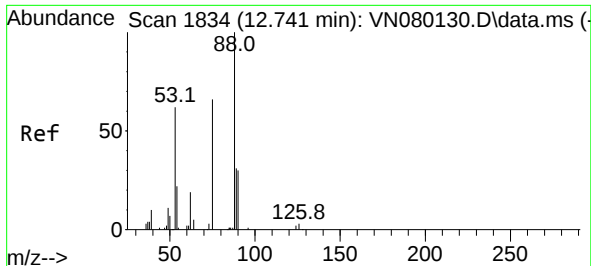
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.612 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

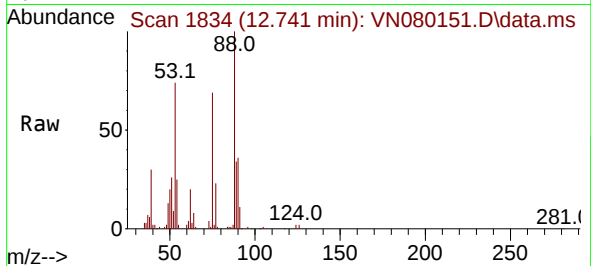
Tgt Ion:105 Resp: 550133
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.669 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

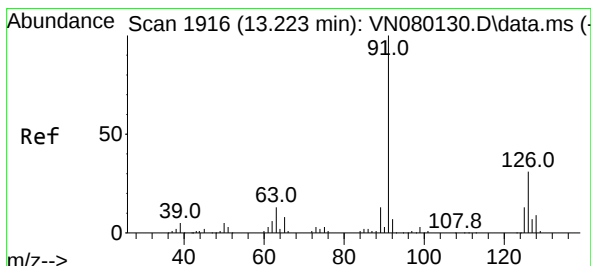
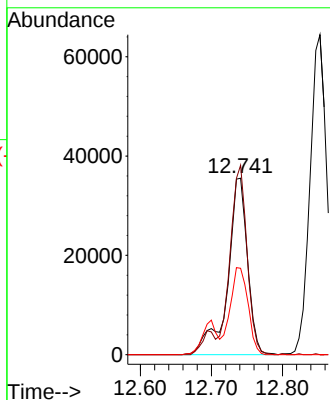
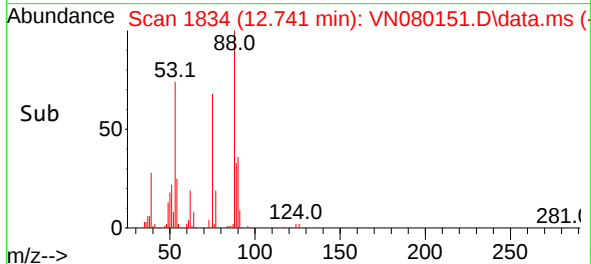
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



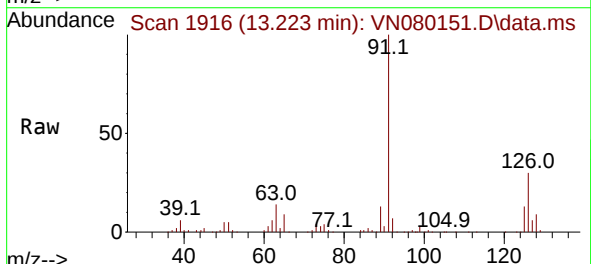
Tgt Ion: 75 Resp: 69398
Ion Ratio Lower Upper
75 100
53 91.2 67.4 101.2
89 44.2 38.8 58.2

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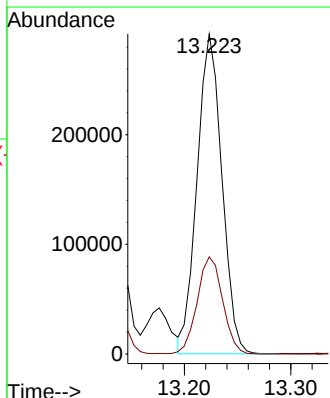
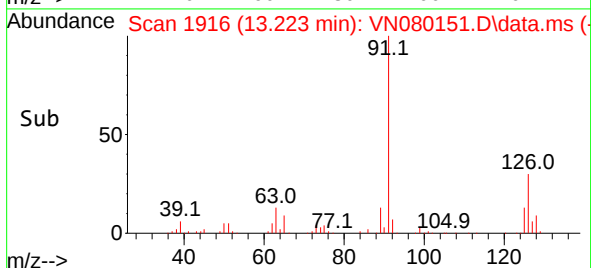
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

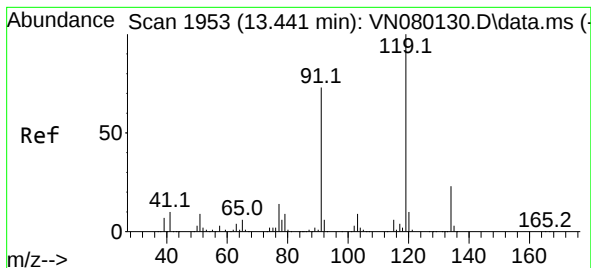


#82
4-Chlorotoluene
Concen: 45.859 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



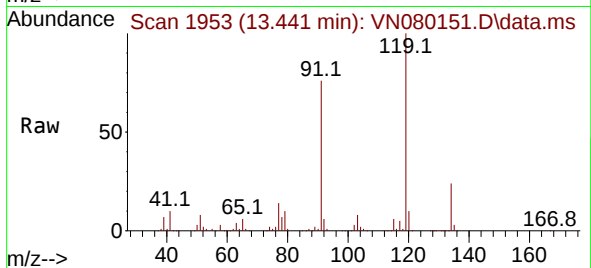
Tgt Ion: 91 Resp: 472767
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.237 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

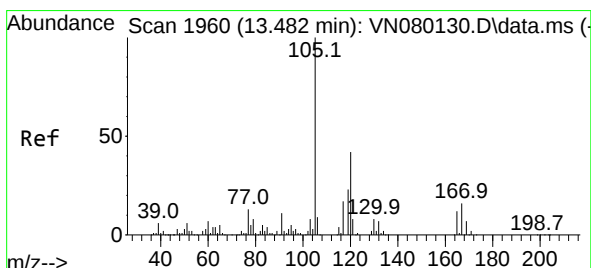
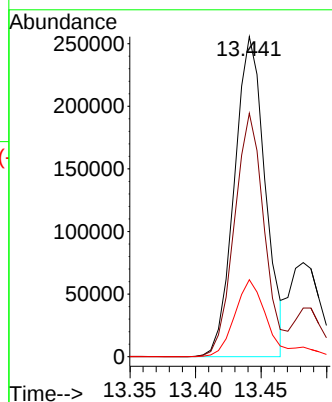
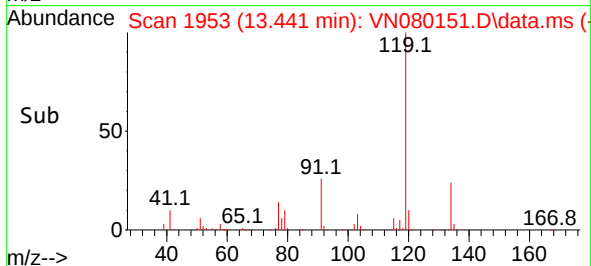
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



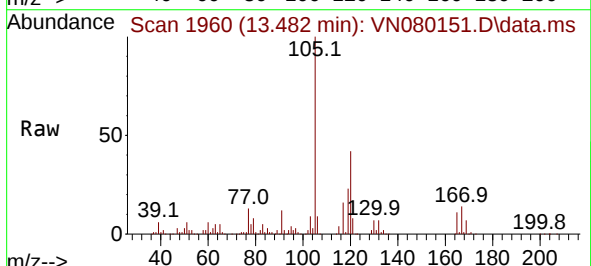
Tgt Ion:119 Resp: 418198
Ion Ratio Lower Upper
119 100
91 74.6 33.9 101.7
134 26.2 13.2 39.6

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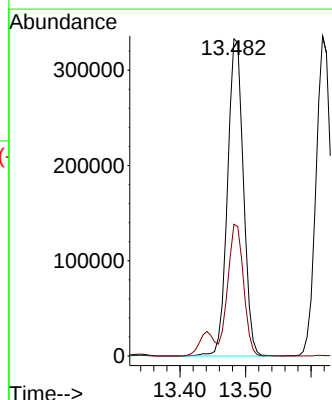
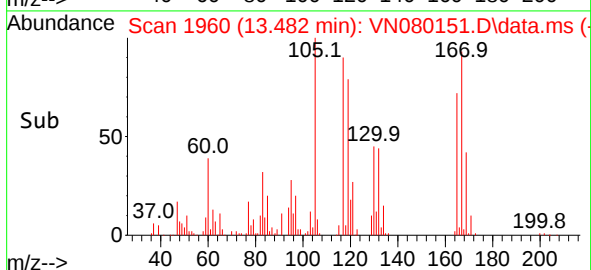
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

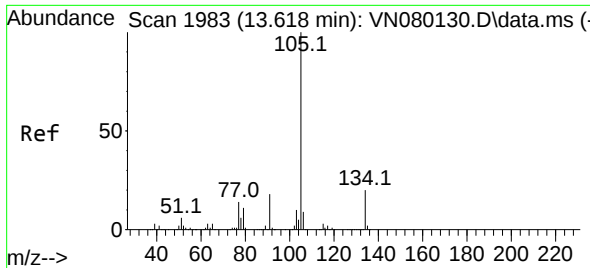


#84
1,2,4-Trimethylbenzene
Concen: 47.052 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20



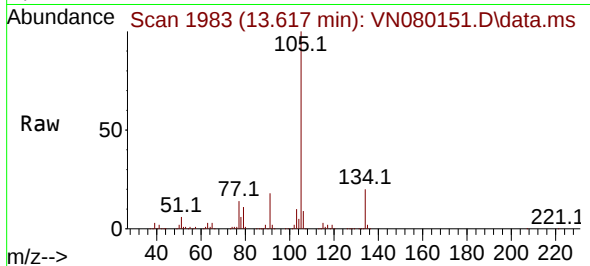
Tgt Ion:105 Resp: 558803
Ion Ratio Lower Upper
105 100
120 41.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 44.081 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20

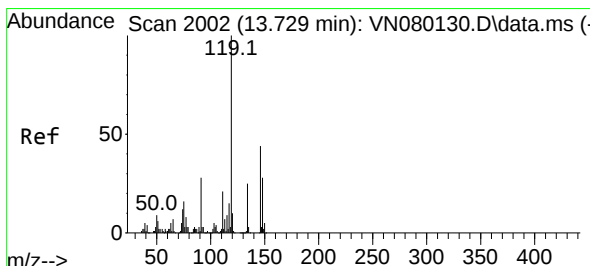
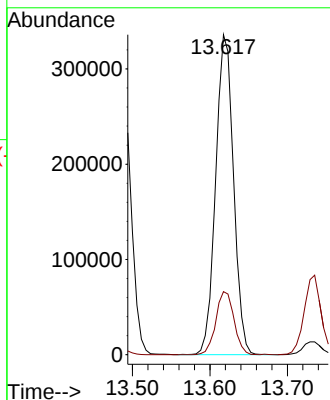
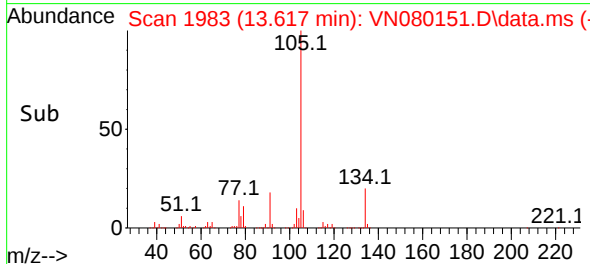
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



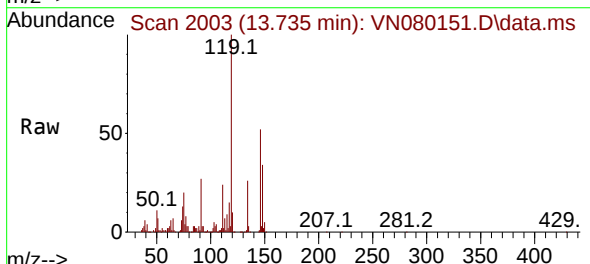
Tgt Ion:105 Resp: 539364
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

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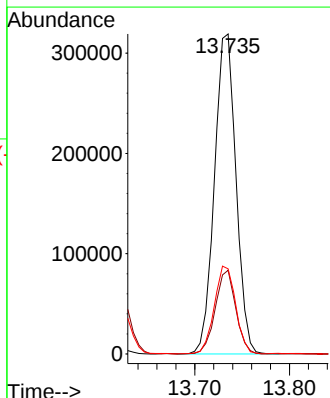
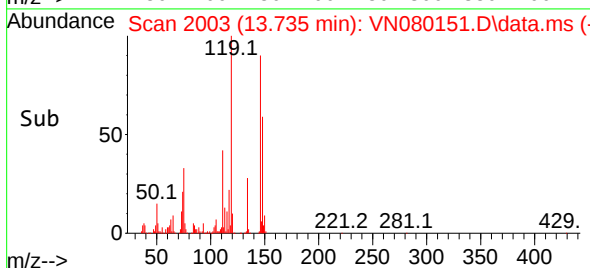
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

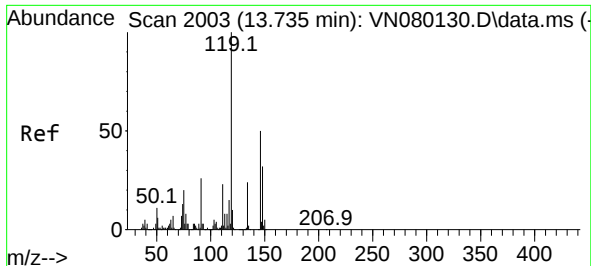


#86
 p-Isopropyltoluene
 Concen: 46.168 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080151.D
 Acq: 17 Nov 2023 10:20



Tgt Ion:119 Resp: 504622
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.092 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 277504

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.3

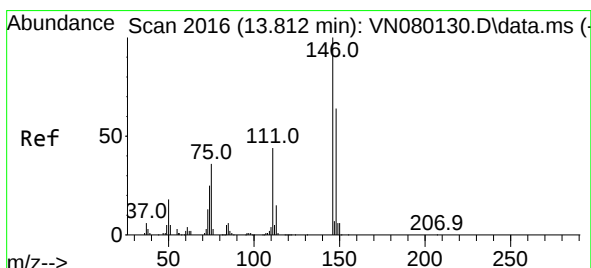
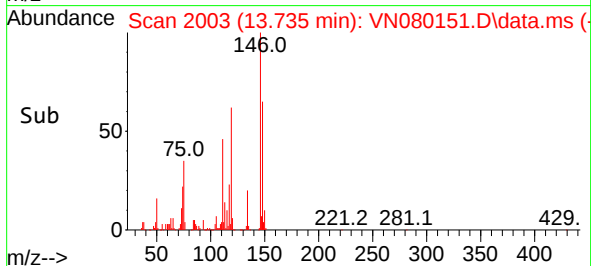
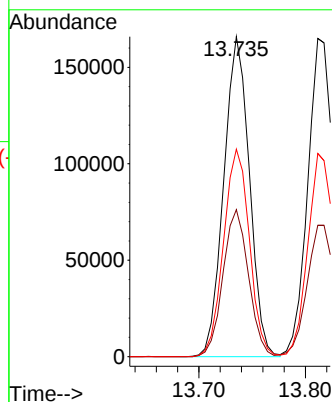
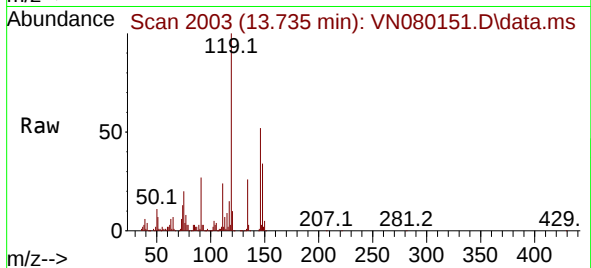
148 65.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 44.641 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

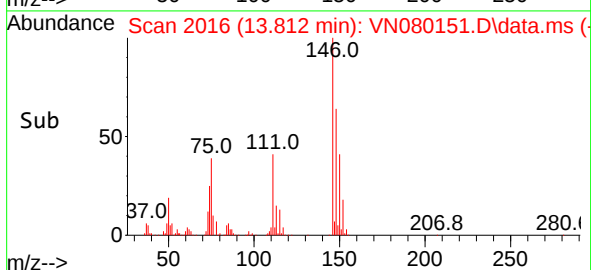
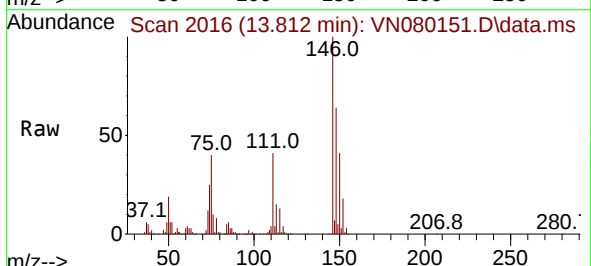
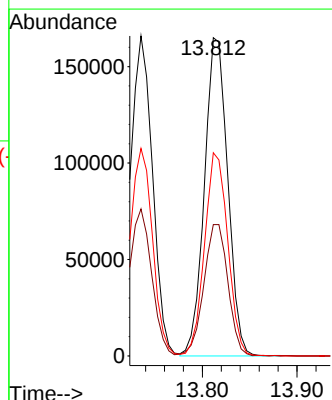
Tgt Ion:146 Resp: 282350

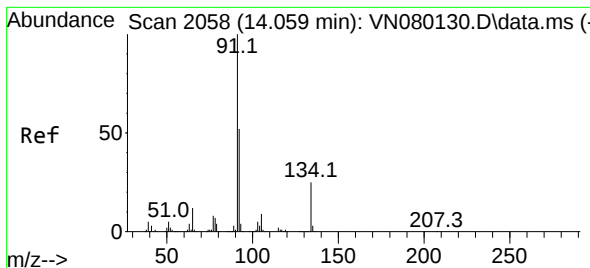
Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.8

148 63.6 31.6 94.8





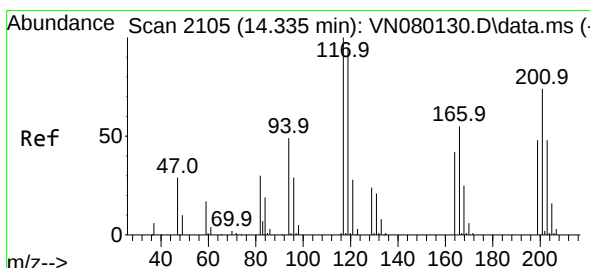
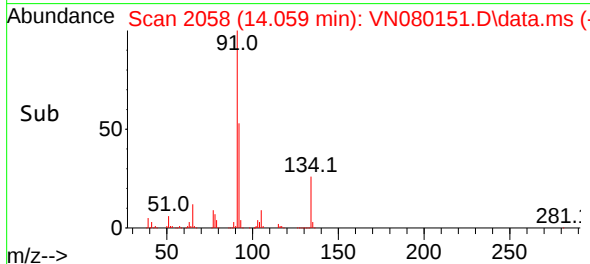
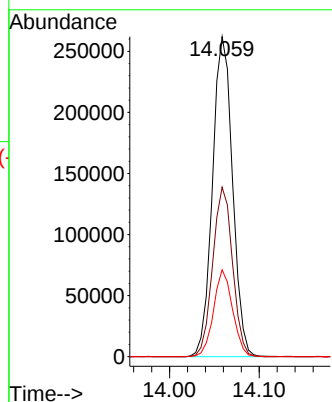
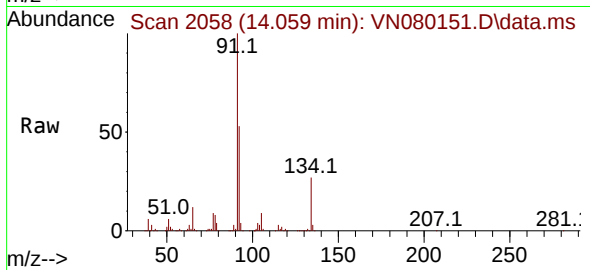
#89
n-Butylbenzene
Concen: 44.504 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 407148
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.7 12.6 37.6

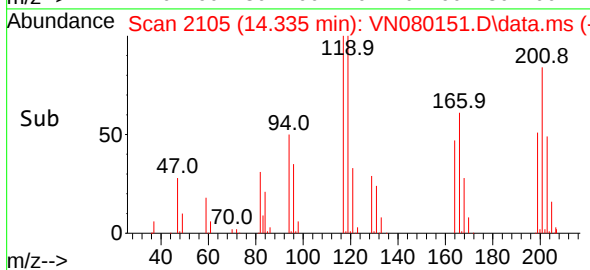
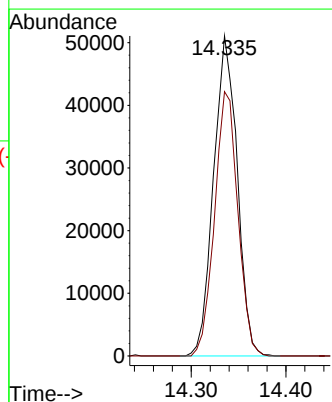
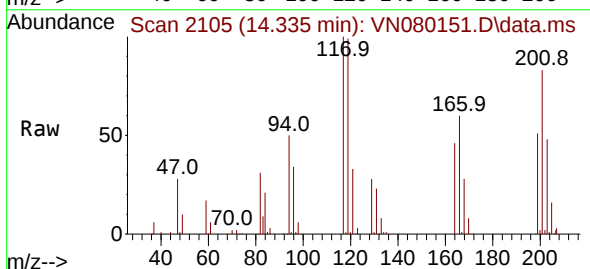
Manual Integrations
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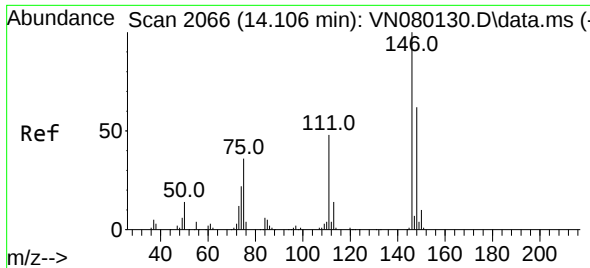
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 41.554 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion:117 Resp: 88544
Ion Ratio Lower Upper
117 100
201 81.6 29.3 88.0





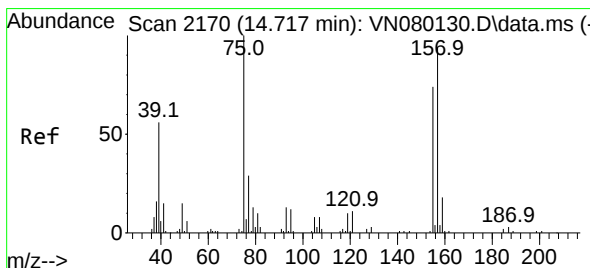
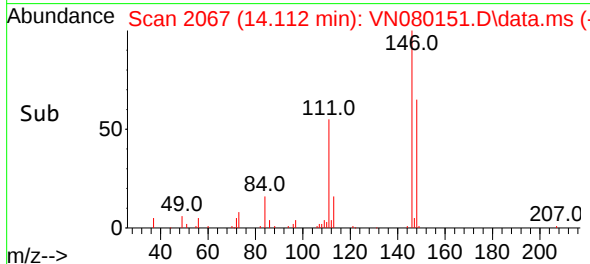
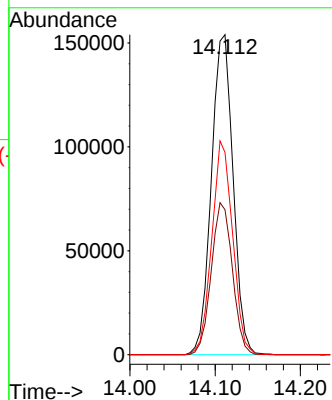
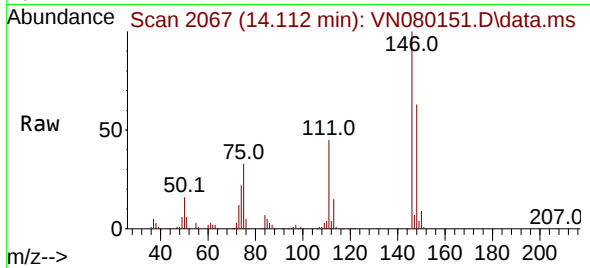
#91
1,2-Dichlorobenzene
Concen: 45.208 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 272272
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 64.3 31.8 95.3

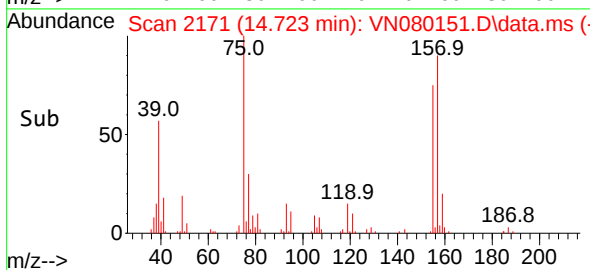
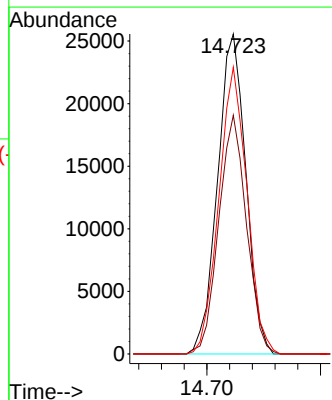
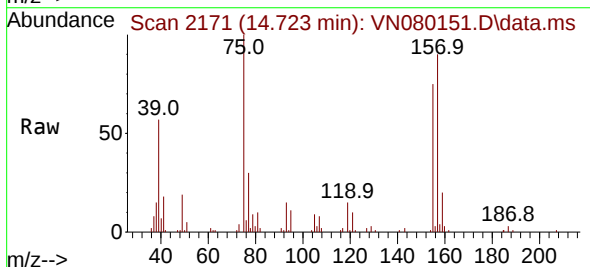
Manual Integrations
APPROVED

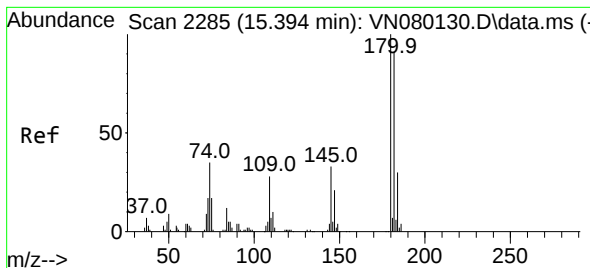
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.887 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080151.D
Acq: 17 Nov 2023 10:20

Tgt Ion: 75 Resp: 44199
Ion Ratio Lower Upper
75 100
155 73.1 39.1 117.2
157 89.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.304 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 15168

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

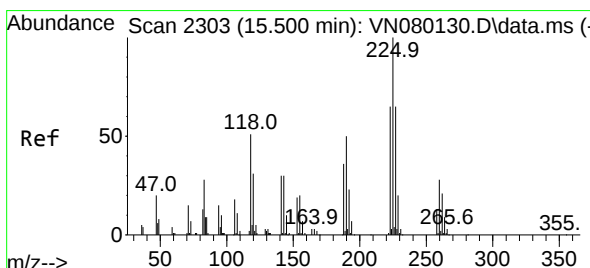
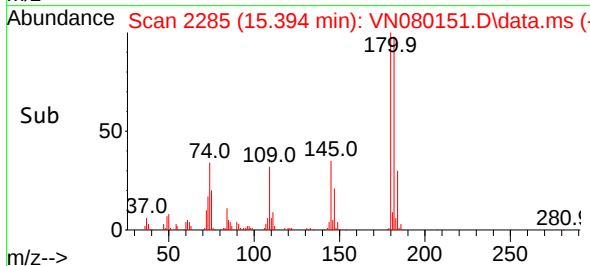
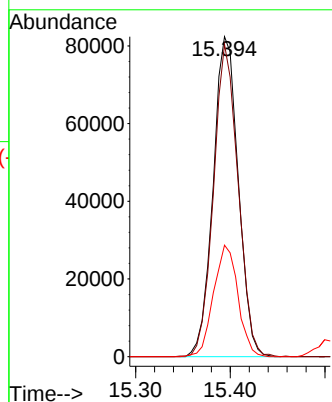
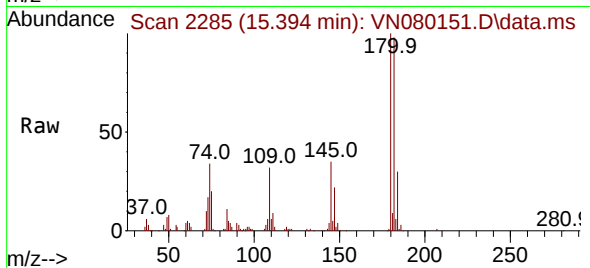
145 33.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 37.724 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

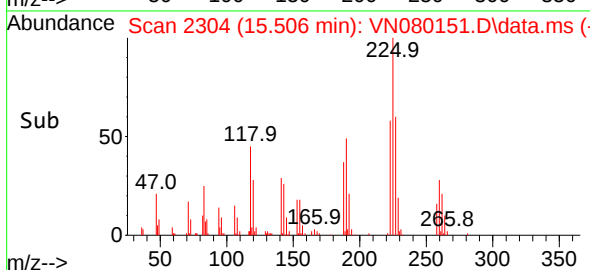
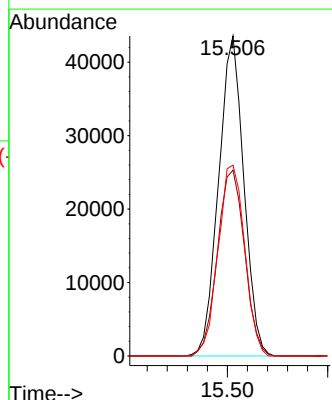
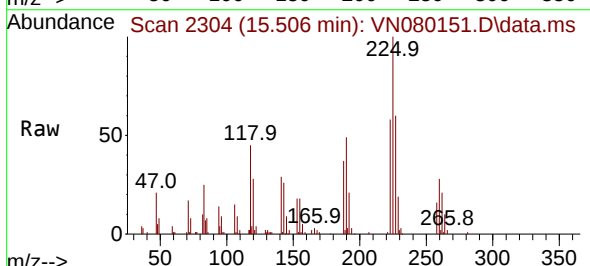
Tgt Ion:225 Resp: 76043

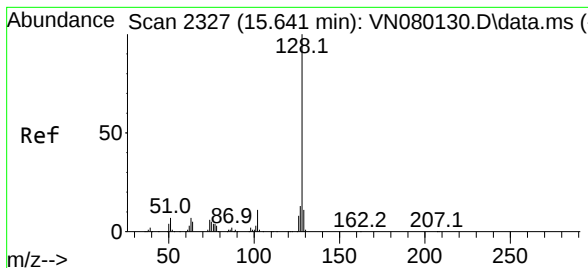
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 43.473 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 441580

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

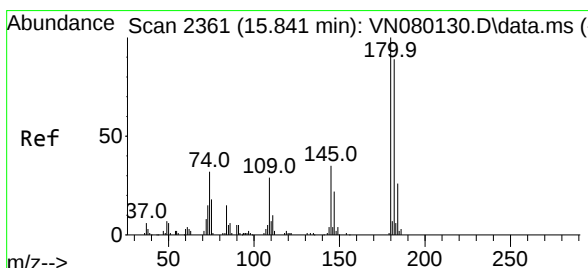
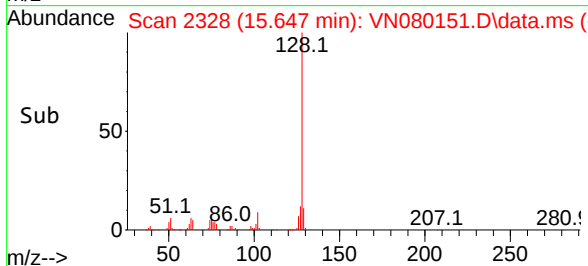
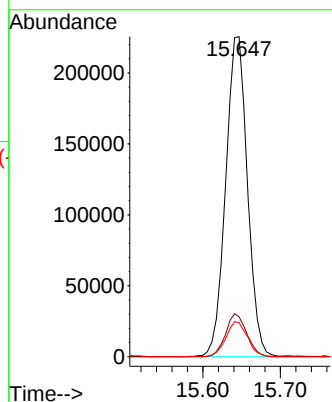
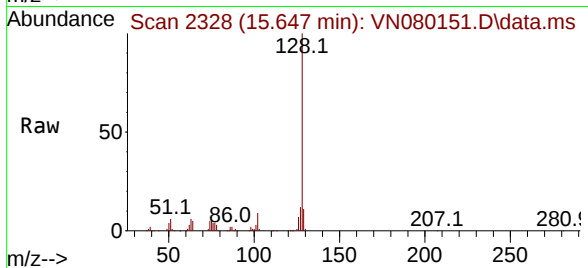
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 43.372 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080151.D

Acq: 17 Nov 2023 10:20

Tgt Ion:180 Resp: 142402

Ion Ratio Lower Upper

180 100

182 96.6 46.2 138.6

145 36.7 17.5 52.6

