

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080302.D
 Acq On : 29 Nov 2023 11:11
 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 30 04:41:31 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 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182912	49.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.165	113	135431	53.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.020%		
50) Toluene-d8	10.565	98	485973	52.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.540%		
62) 4-Bromofluorobenzene	12.847	95	189320	54.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	152515	45.487	ug/l	100
3) Chloromethane	2.365	50	112923	44.795	ug/l	100
4) Vinyl Chloride	2.518	62	125364	46.992	ug/l	99
5) Bromomethane	2.953	94	85161	47.023	ug/l	100
6) Chloroethane	3.124	64	94624	57.853	ug/l	98
7) Trichlorofluoromethane	3.500	101	258839	46.512	ug/l	99
8) Diethyl Ether	3.959	74	76973	47.559	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	118181	46.462	ug/l	93
10) Methyl Iodide	4.589	142	130144	47.343	ug/l #	87
11) Tert butyl alcohol	5.506	59	83186	203.528	ug/l	99
12) 1,1-Dichloroethene	4.341	96	113950	47.896	ug/l	84
13) Acrolein	4.177	56	107832	298.116	ug/l	96
14) Allyl chloride	5.024	41	138677	46.330	ug/l	93
15) Acrylonitrile	5.712	53	243468	221.895	ug/l	99
16) Acetone	4.418	43	279284	223.723	ug/l	98
17) Carbon Disulfide	4.718	76	289774	40.792	ug/l	98
18) Methyl Acetate	5.018	43	181720	45.306	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	416028	49.517	ug/l	94
20) Methylene Chloride	5.277	84	131990	50.489	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	125092	47.861	ug/l	88
22) Diisopropyl ether	6.671	45	339834	51.316	ug/l	94
23) Vinyl Acetate	6.600	43	919980	231.074	ug/l	94
24) 1,1-Dichloroethane	6.565	63	227820	47.233	ug/l	99
25) 2-Butanone	7.477	43	307061	207.028	ug/l	92
26) 2,2-Dichloropropane	7.488	77	228647	47.780	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	142931	48.235	ug/l	85
28) Bromochloromethane	7.818	49	92094	48.567	ug/l	97
29) Tetrahydrofuran	7.835	42	168295	211.351	ug/l	94
30) Chloroform	7.965	83	270688	50.210	ug/l	97
31) Cyclohexane	8.259	56	165328	40.903	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	257224	48.925	ug/l	100
36) 1,1-Dichloropropene	8.371	75	180599	48.828	ug/l	95
37) Ethyl Acetate	7.559	43	112904	44.008	ug/l	96
38) Carbon Tetrachloride	8.365	117	237813	50.667	ug/l	97
39) Methylcyclohexane	9.600	83	168955	47.376	ug/l #	87
40) Benzene	8.606	78	518276	49.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64878	46.048	ug/l	92
42) 1,2-Dichloroethane	8.671	62	219724	51.090	ug/l	95
43) Isopropyl Acetate	8.688	43	200703	40.201	ug/l	98
44) Trichloroethene	9.353	130	138846	50.353	ug/l	93
45) 1,2-Dichloropropane	9.623	63	125595	51.412	ug/l	99
46) Dibromomethane	9.712	93	93494	50.559	ug/l	90
47) Bromodichloromethane	9.888	83	217904	53.569	ug/l	96
48) Methyl methacrylate	9.676	41	124842	48.524	ug/l	91
49) 1,4-Dioxane	9.694	88	35007	817.891	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	585482	226.518	ug/l	98
52) Toluene	10.629	92	334190	50.799	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	212614	50.873	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	228440	53.502	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	130178	51.846	ug/l	95
56) Ethyl methacrylate	10.876	69	135733	52.916	ug/l	93
57) 1,3-Dichloropropane	11.165	76	222960	50.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	331648	229.500	ug/l	96
59) 2-Hexanone	11.194	43	449495	216.420	ug/l	98
60) Dibromochloromethane	11.359	129	161631	53.768	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127746	49.871	ug/l	98
64) Tetrachloroethene	11.106	164	137385	56.267	ug/l	98
65) Chlorobenzene	11.894	112	352147	48.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	148891	52.923	ug/l	94
67) Ethyl Benzene	11.965	91	657434	50.963	ug/l	96
68) m/p-Xylenes	12.070	106	485710	103.265	ug/l	88
69) o-Xylene	12.400	106	233327	52.637	ug/l	88
70) Styrene	12.412	104	356848	54.087	ug/l	95
71) Bromoform	12.576	173	106500	51.047	ug/l #	100
73) Isopropylbenzene	12.694	105	615092	49.719	ug/l	99
74) N-amyl acetate	12.494	43	158280	41.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	153596	41.482	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	169190m	43.373	ug/l	
77) Bromobenzene	12.982	156	152357	48.847	ug/l	94
78) n-propylbenzene	13.035	91	681454	49.259	ug/l	100
79) 2-Chlorotoluene	13.123	91	444148	49.432	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	538217	49.977	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	50358	43.616	ug/l	87
82) 4-Chlorotoluene	13.223	91	454044	49.327	ug/l	97
83) tert-Butylbenzene	13.441	119	424343	49.136	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	539650	50.890	ug/l	97
85) sec-Butylbenzene	13.617	105	549374	50.286	ug/l	99
86) p-Isopropyltoluene	13.729	119	505548	51.801	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	263854	46.953	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	263910	46.731	ug/l	98
89) n-Butylbenzene	14.059	91	412656	50.518	ug/l	99
90) Hexachloroethane	14.335	117	89311	46.942	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	257246	47.837	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34363	39.955	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	141661	45.293	ug/l	96
94) Hexachlorobutadiene	15.500	225	82532	45.854	ug/l	99
95) Naphthalene	15.641	128	357484	39.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	132365	45.151	ug/l	97

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ClientSampleId :
VSTDCCC050

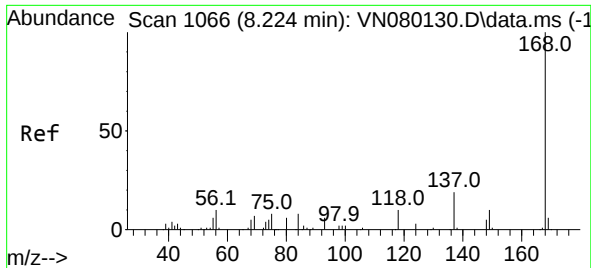
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:41:31 2023
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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

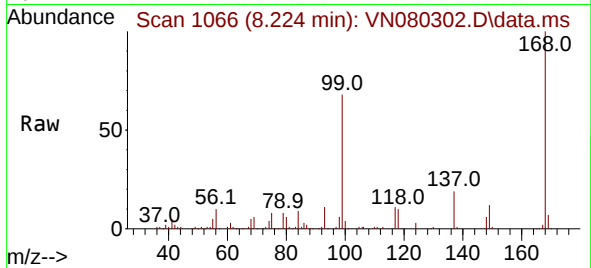
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

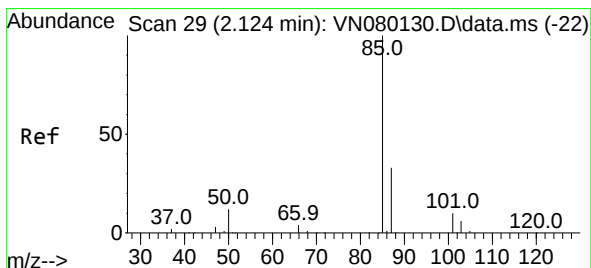
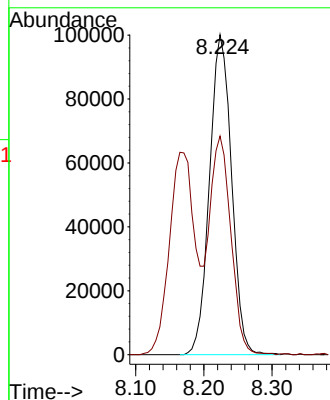
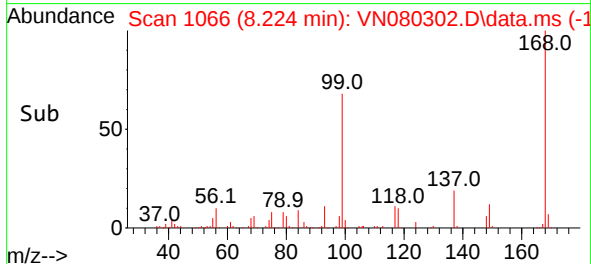
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 225090
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6

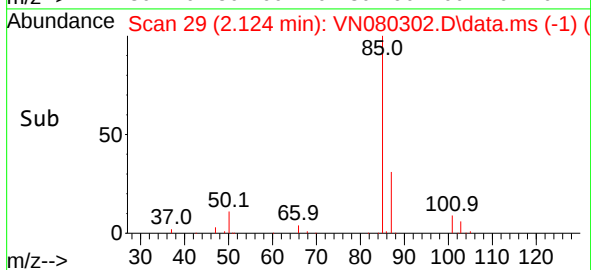
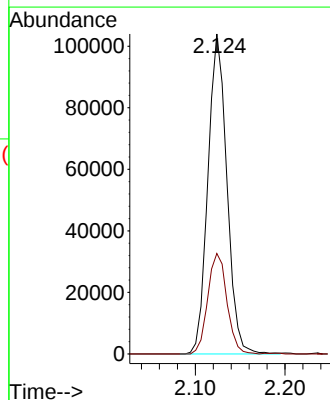
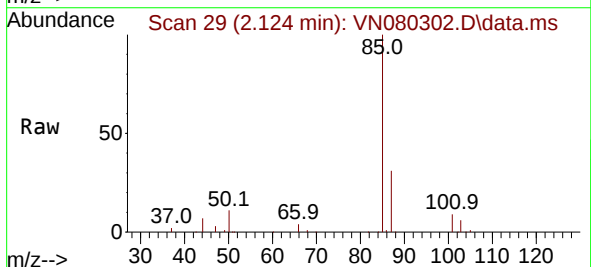
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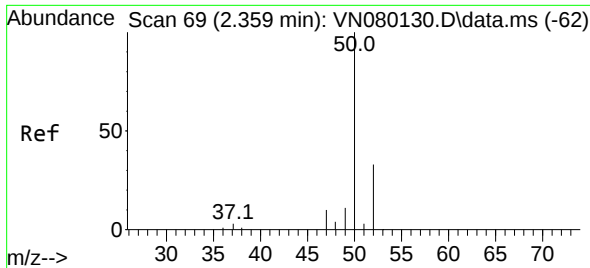
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#2
Dichlorodifluoromethane
Concen: 45.487 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 85 Resp: 152515
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





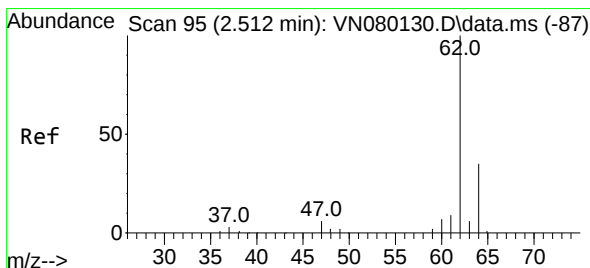
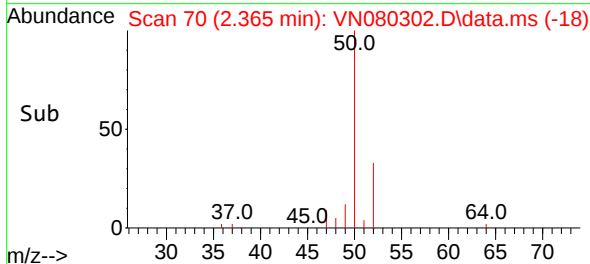
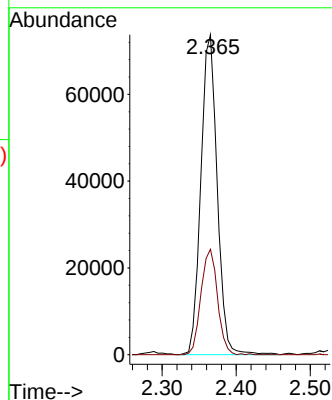
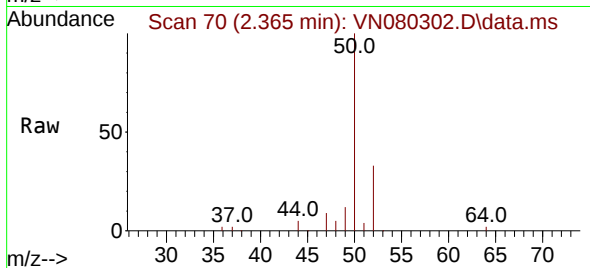
#3
Chloromethane
Concen: 44.795 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 112923
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

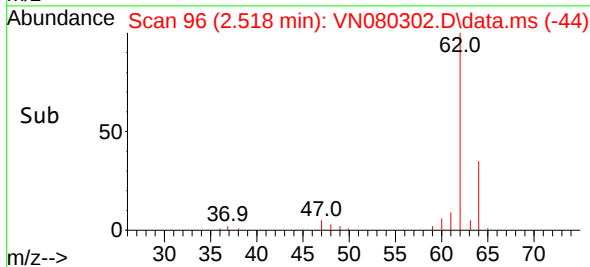
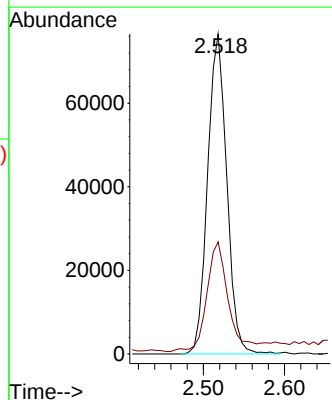
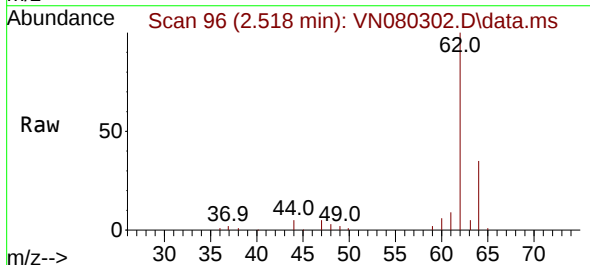
Manual Integrations
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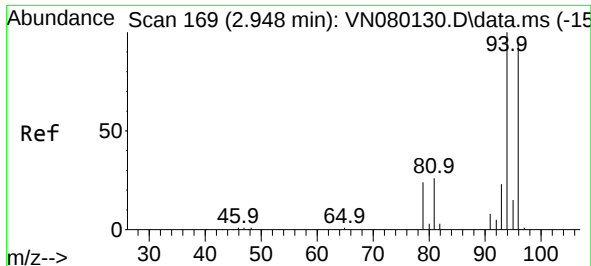
Reviewed By :John Carlone 11/30/2023
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#4
Vinyl Chloride
Concen: 46.992 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 62 Resp: 125364
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2





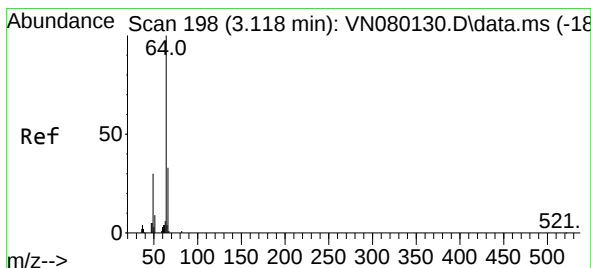
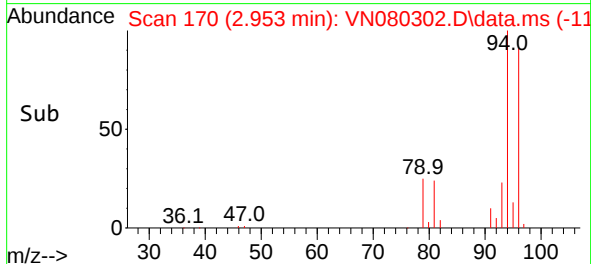
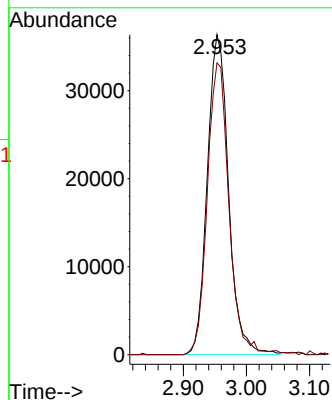
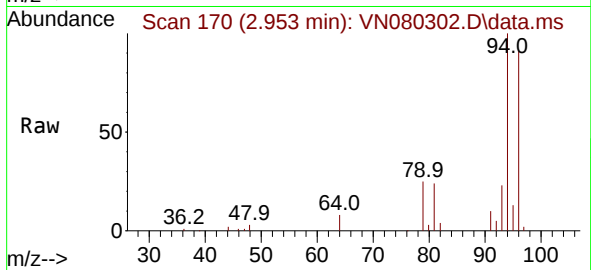
#5
Bromomethane
Concen: 47.023 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 8516
Ion Ratio Lower Upper
94 100
96 91.2 73.1 109.7

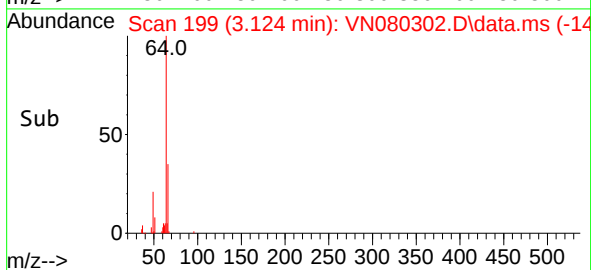
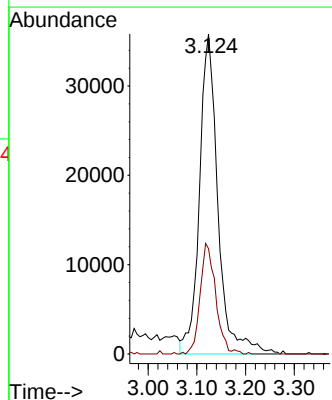
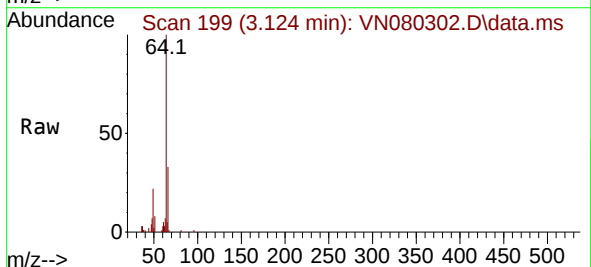
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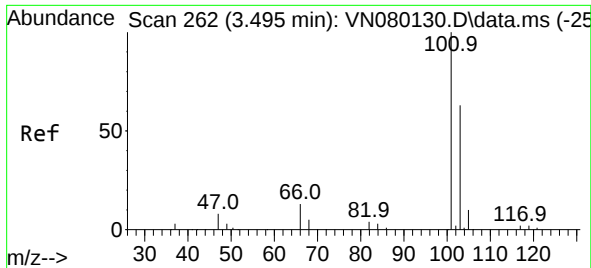
Reviewed By :John Carlone 11/30/2023
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#6
Chloroethane
Concen: 57.853 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 64 Resp: 94624
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





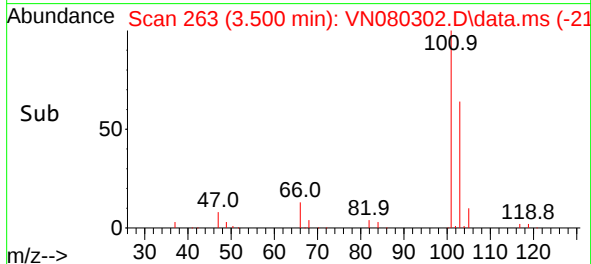
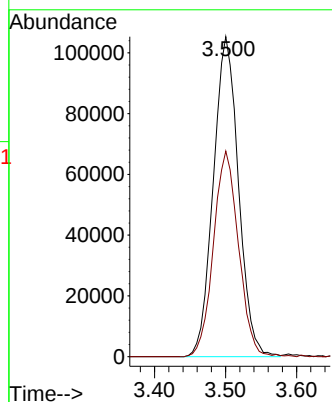
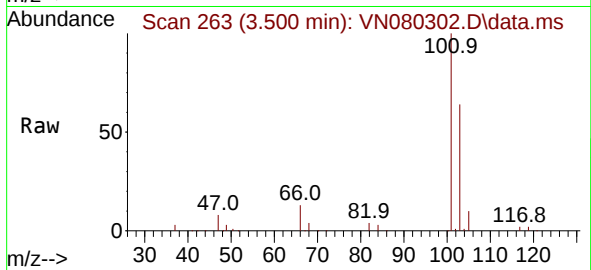
#7
Trichlorofluoromethane
Concen: 46.512 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 258839
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

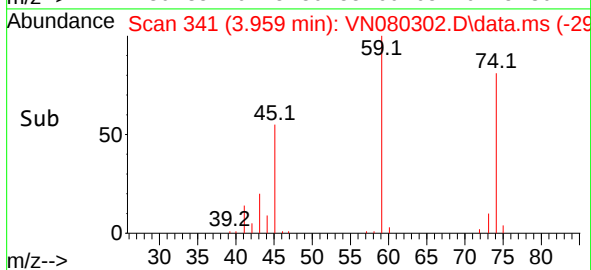
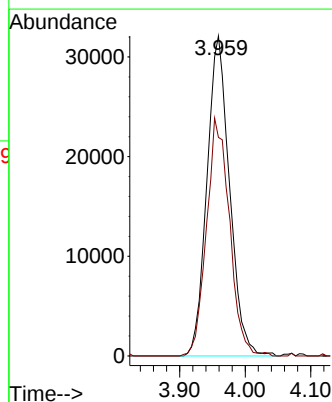
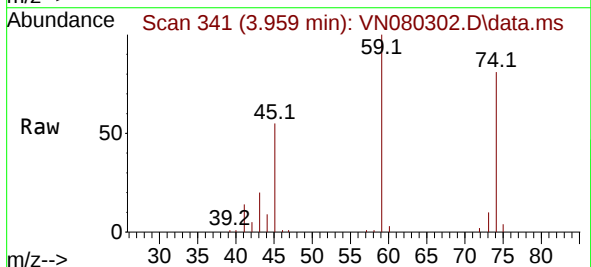
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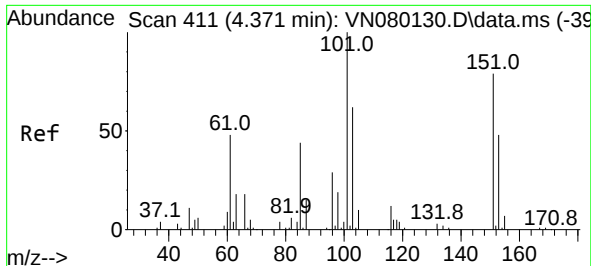
Reviewed By :John Carlone 11/30/2023
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#8
Diethyl Ether
Concen: 47.559 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 74 Resp: 76973
Ion Ratio Lower Upper
74 100
45 75.6 34.4 103.3





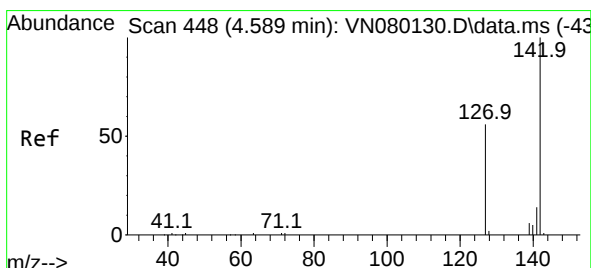
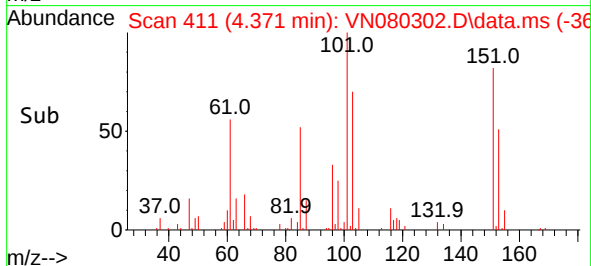
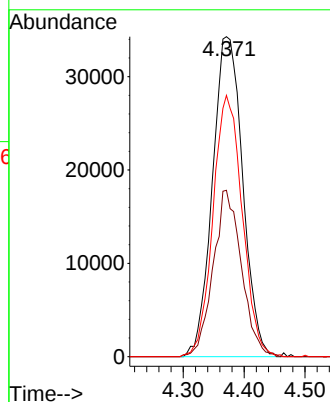
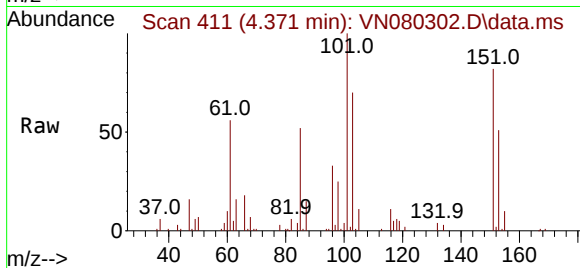
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.462 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

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Tgt Ion:101 Resp: 11818
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 79.0 57.6 86.4

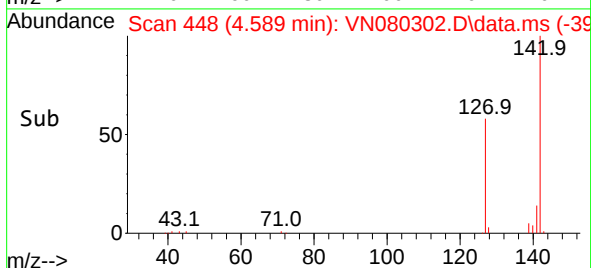
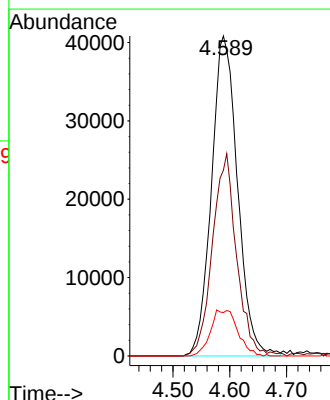
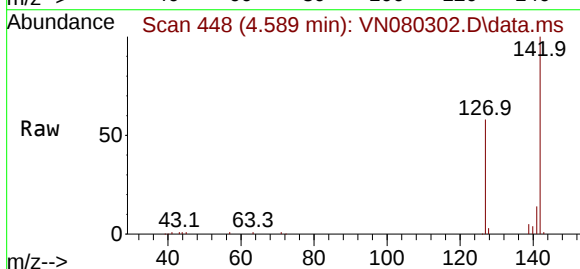
Manual Integrations
APPROVED

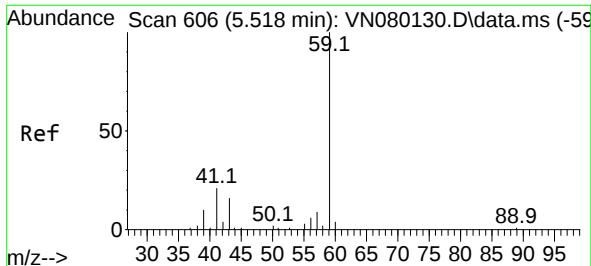
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 47.343 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion:142 Resp: 130144
Ion Ratio Lower Upper
142 100
127 58.0 37.6 56.4#
141 13.6 11.4 17.0





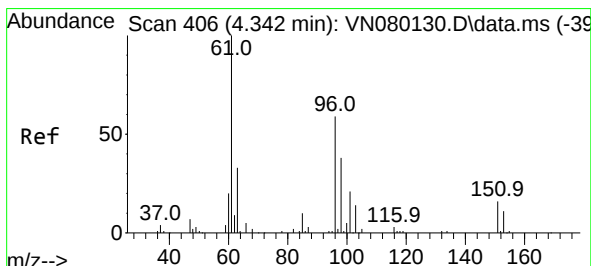
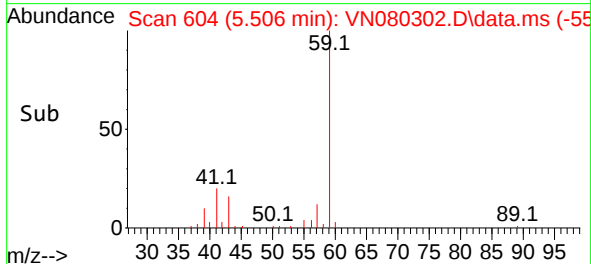
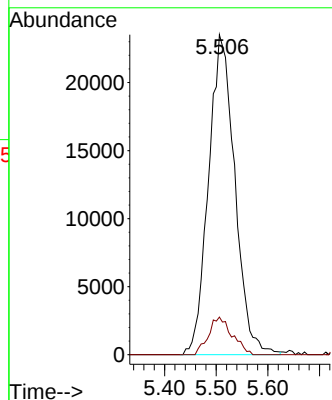
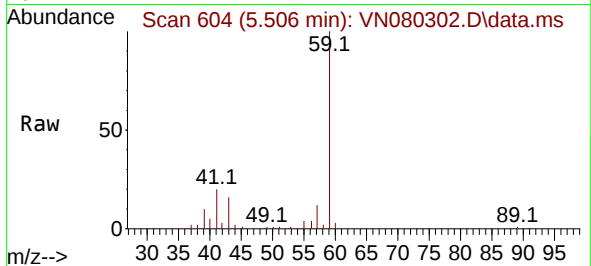
#11
Tert butyl alcohol
Concen: 203.528 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 83180
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

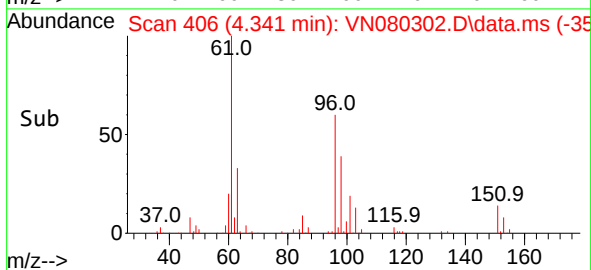
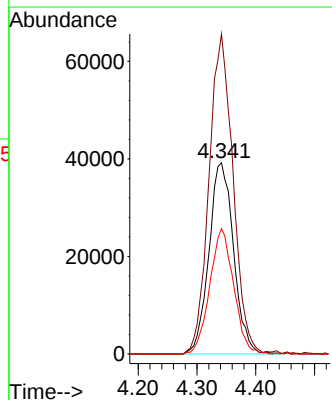
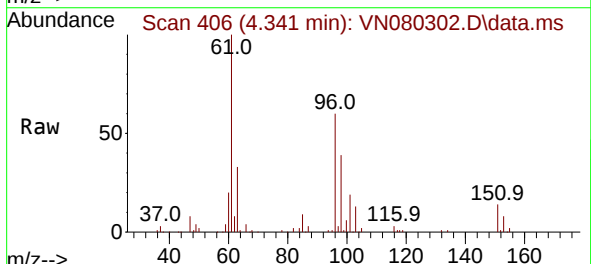
Manual Integrations
APPROVED

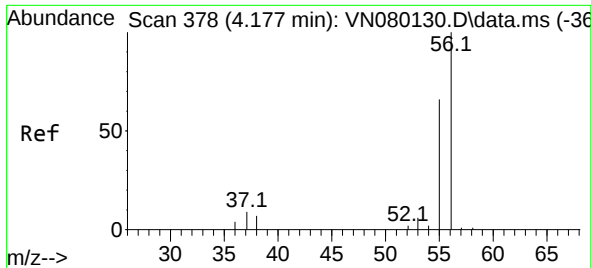
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 47.896 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

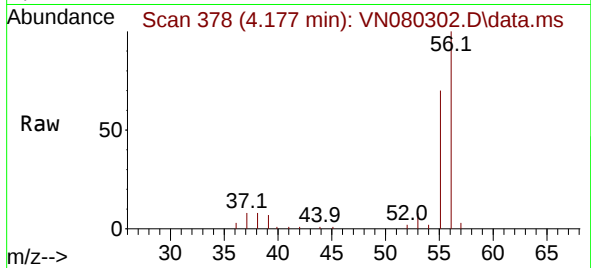
Tgt Ion: 96 Resp: 113950
Ion Ratio Lower Upper
96 100
61 167.4 112.7 169.1
98 65.6 51.2 76.8





#13
Acrolein
Concen: 298.116 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

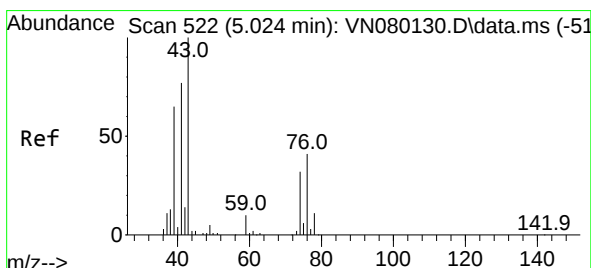
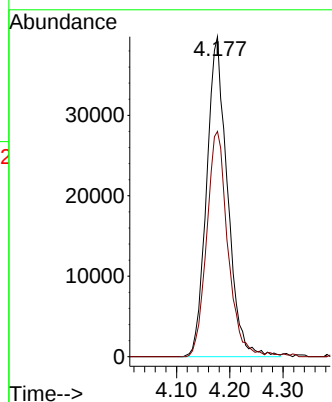
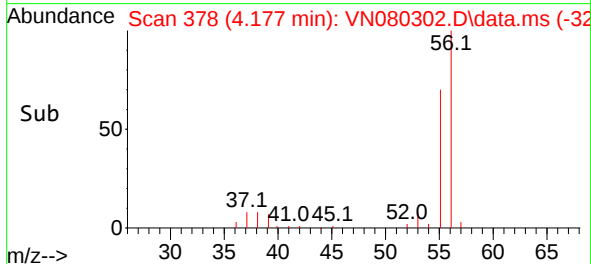
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10783
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

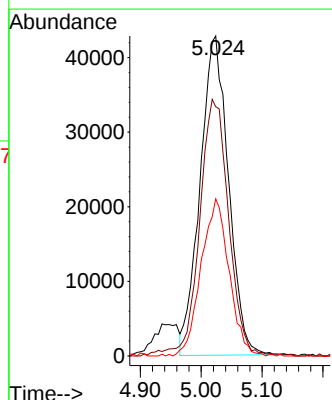
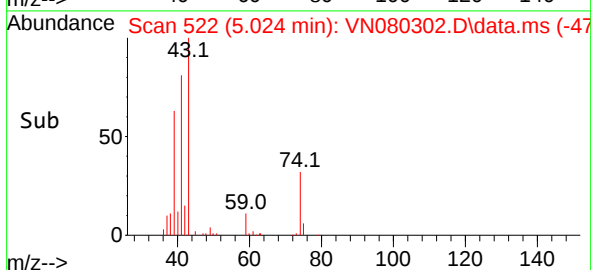
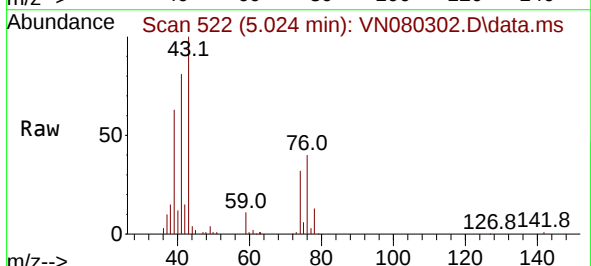
Manual Integrations
APPROVED

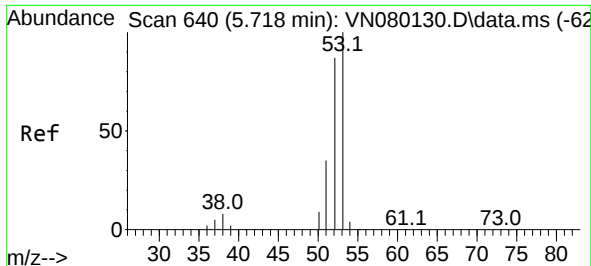
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#14
Allyl chloride
Concen: 46.330 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

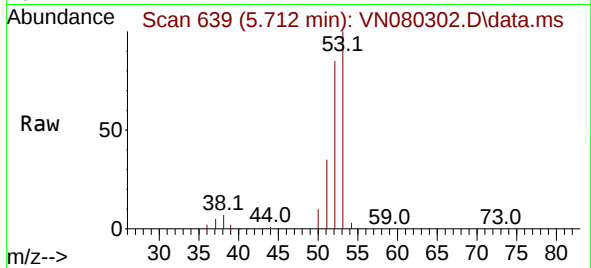
Tgt Ion: 41 Resp: 138677
Ion Ratio Lower Upper
41 100
39 82.2 58.8 88.2
76 48.3 39.1 58.7





#15
Acrylonitrile
Concen: 221.895 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

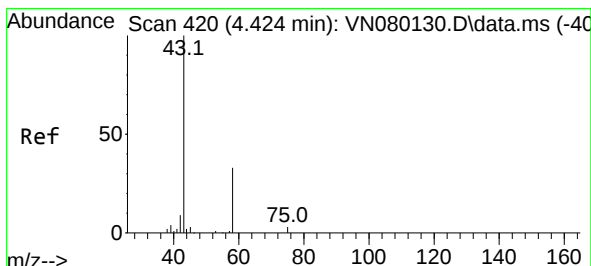
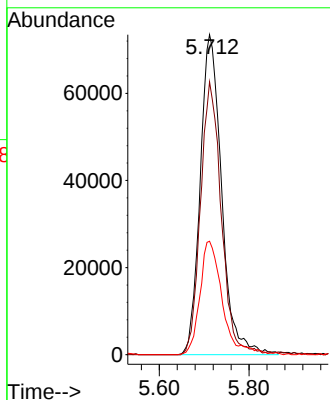
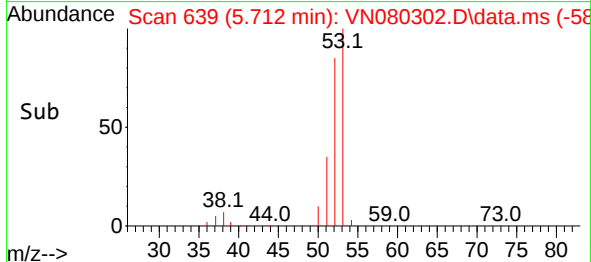
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 243468
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.0 28.9 43.3

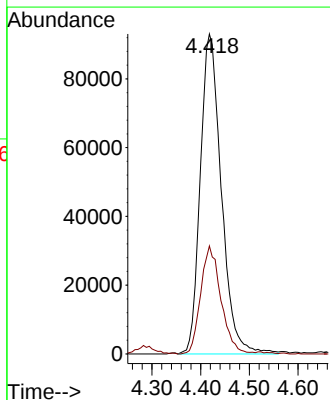
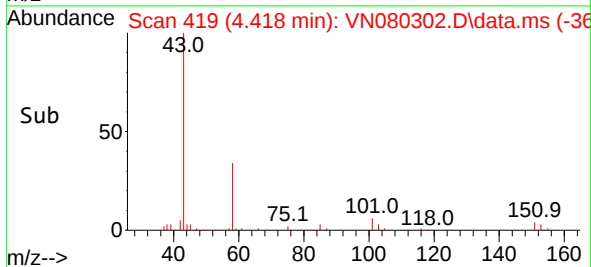
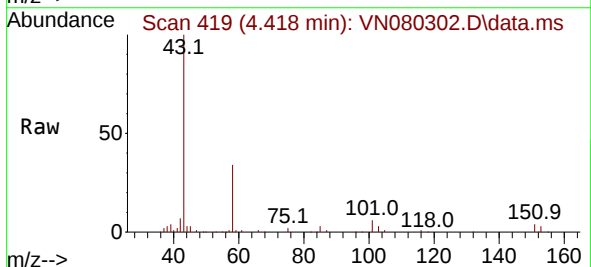
Manual Integrations
APPROVED

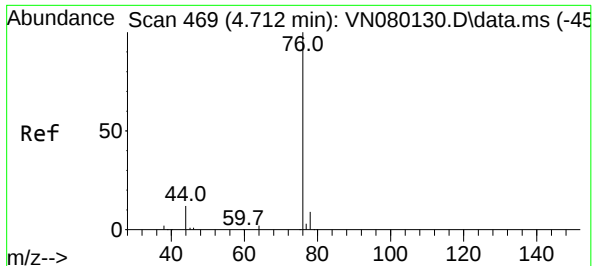
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 223.723 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 43 Resp: 279284
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





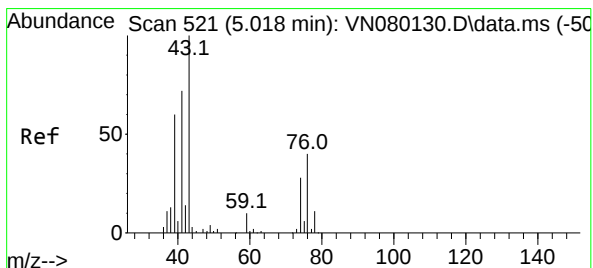
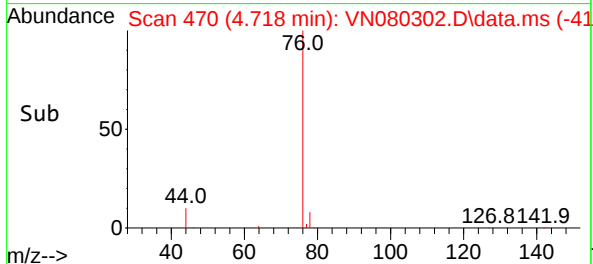
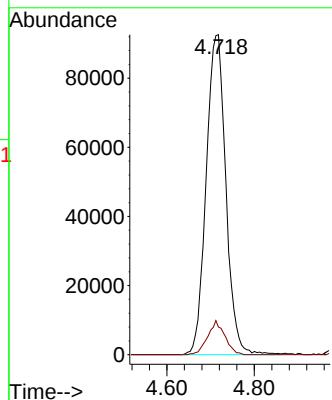
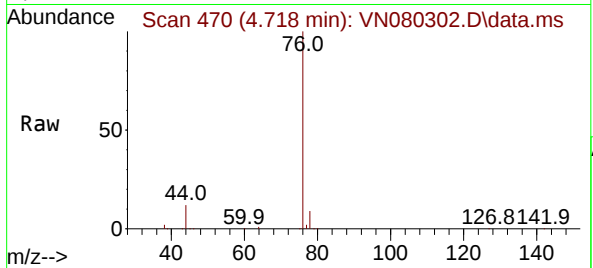
#17
Carbon Disulfide
Concen: 40.792 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 289774
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

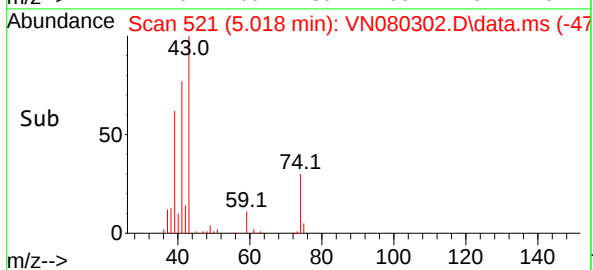
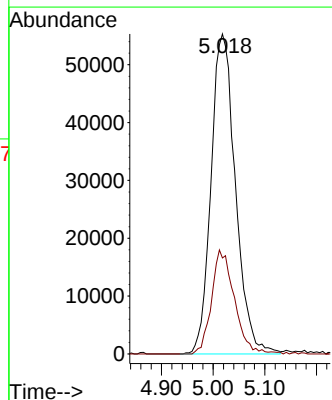
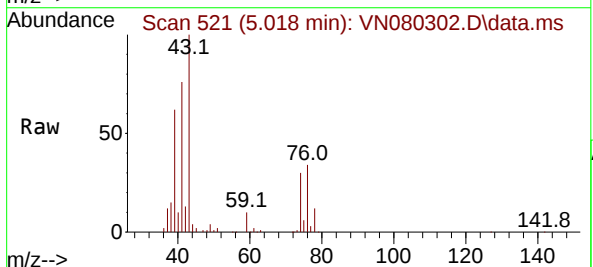
Manual Integrations
APPROVED

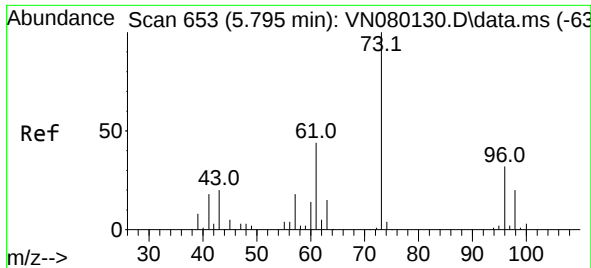
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#18
Methyl Acetate
Concen: 45.306 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 43 Resp: 181720
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4





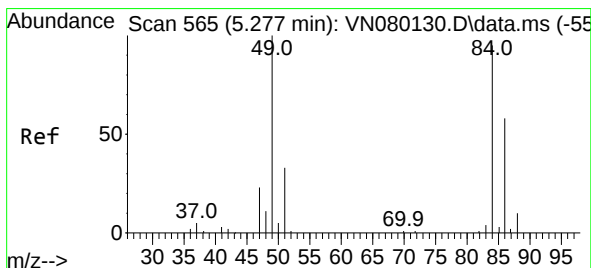
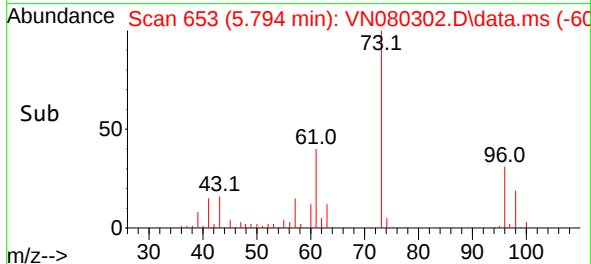
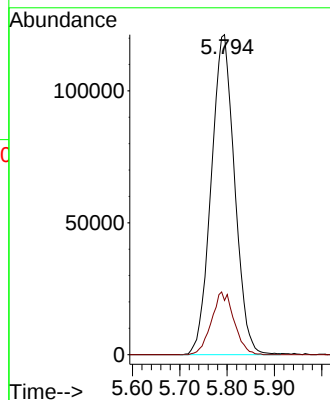
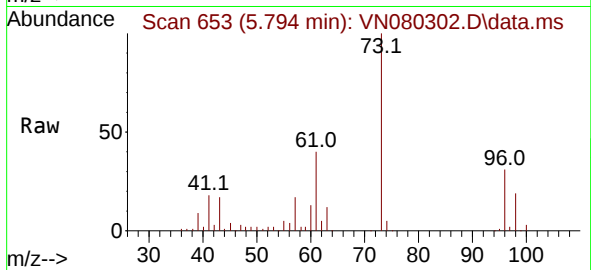
#19
Methyl tert-butyl Ether
Concen: 49.517 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 416028
Ion Ratio Lower Upper
73 100
57 17.0 15.6 23.4

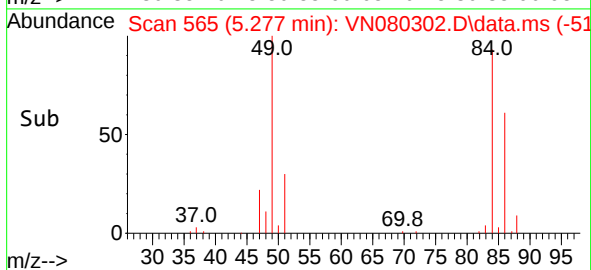
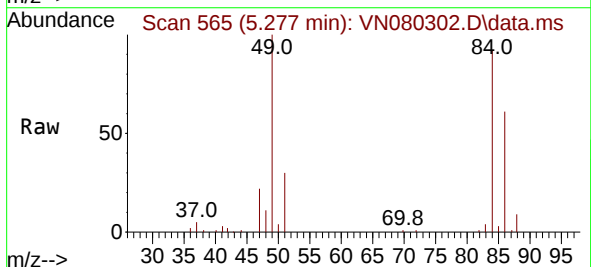
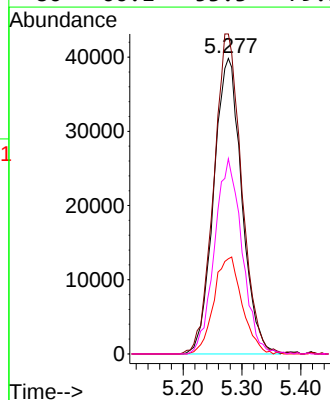
Manual Integrations
APPROVED

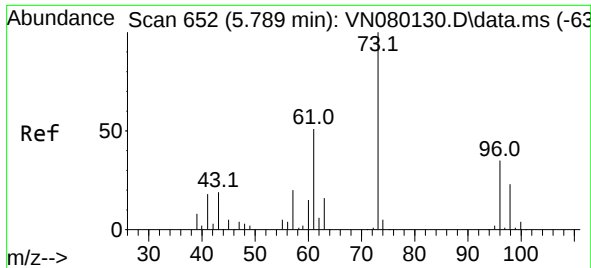
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 50.489 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

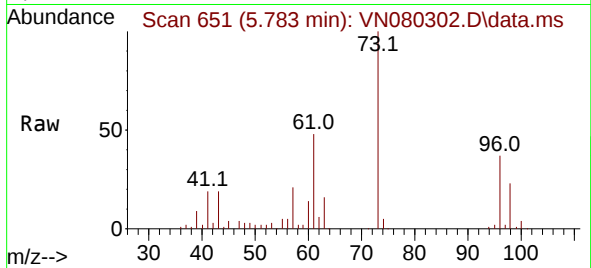
Tgt Ion: 84 Resp: 131990
Ion Ratio Lower Upper
84 100
49 108.3 79.7 119.5
51 32.2 25.2 37.8
86 66.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.861 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

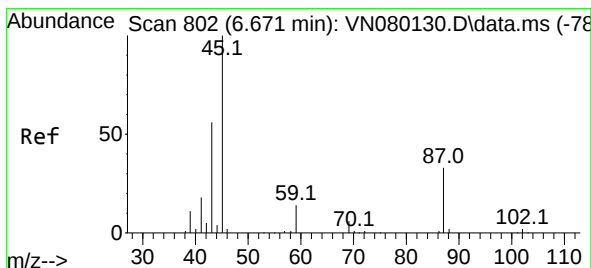
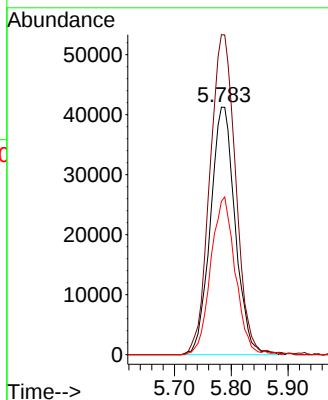
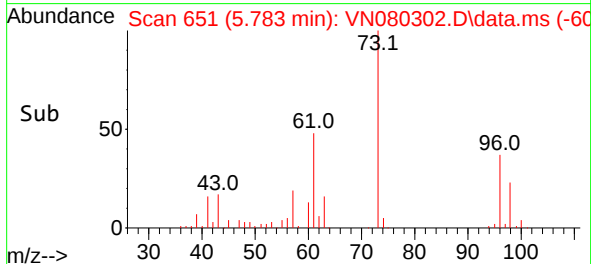
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 125092
Ion Ratio Lower Upper
96 100
61 129.3 90.1 135.1
98 61.9 46.4 69.6

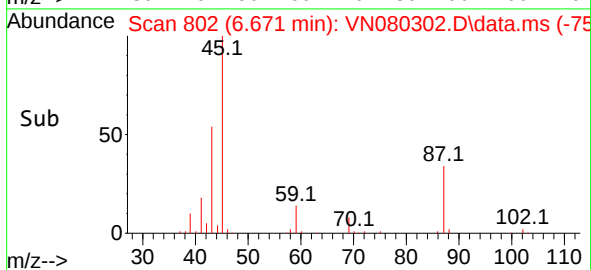
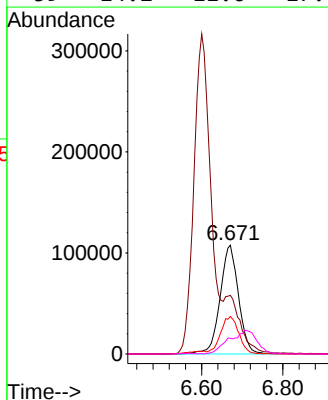
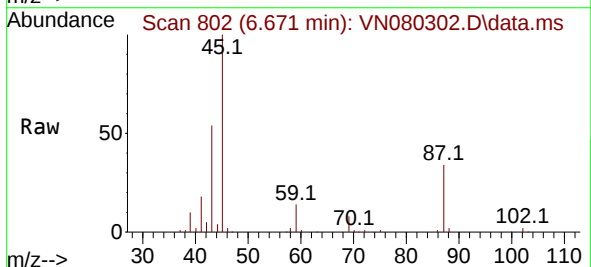
Manual Integrations
APPROVED

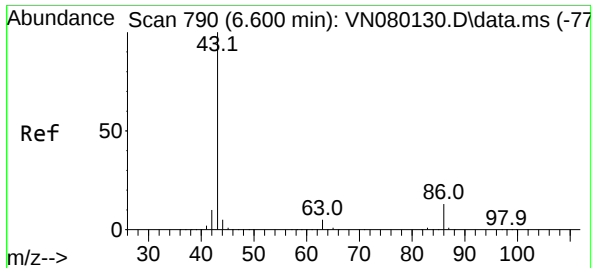
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#22
Diisopropyl ether
Concen: 51.316 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 45 Resp: 339834
Ion Ratio Lower Upper
45 100
43 53.1 45.5 68.3
87 34.5 31.8 47.8
59 14.2 11.6 17.4





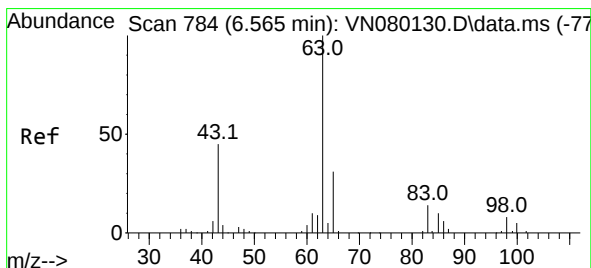
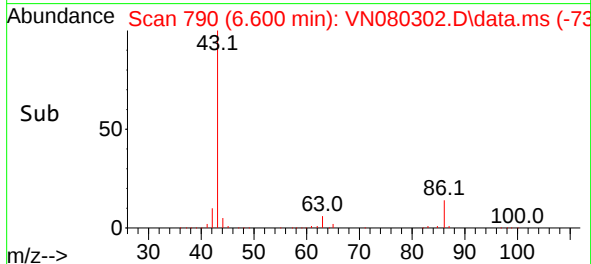
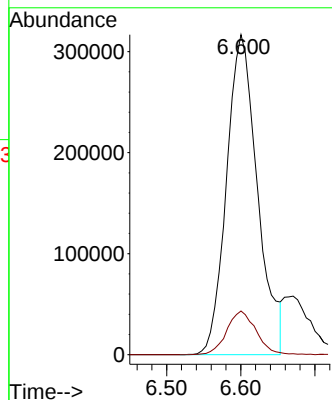
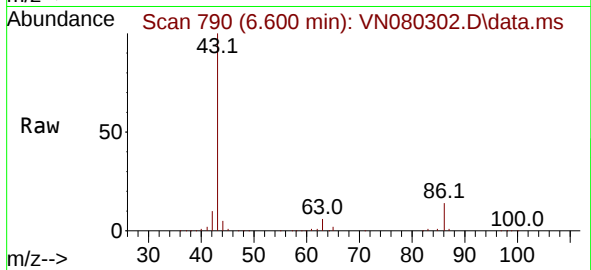
#23
 Vinyl Acetate
 Concen: 231.074 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 919980
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

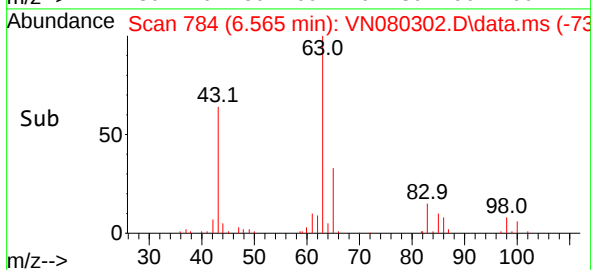
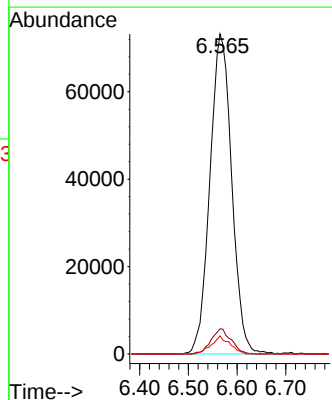
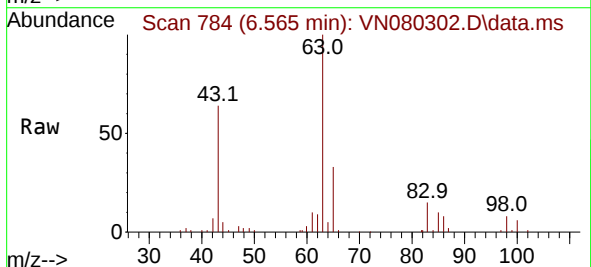
Manual Integrations
 APPROVED

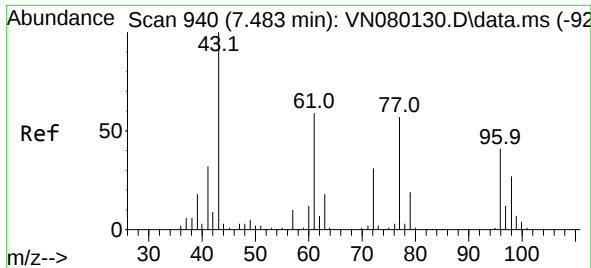
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 47.233 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

Tgt Ion: 63 Resp: 227820
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.6 2.5 7.4





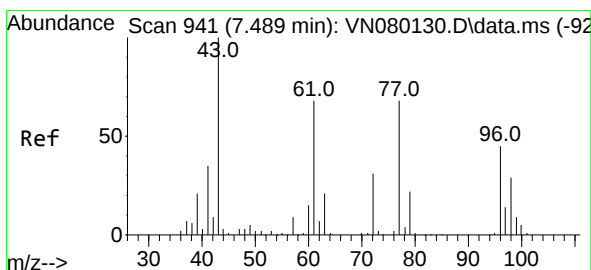
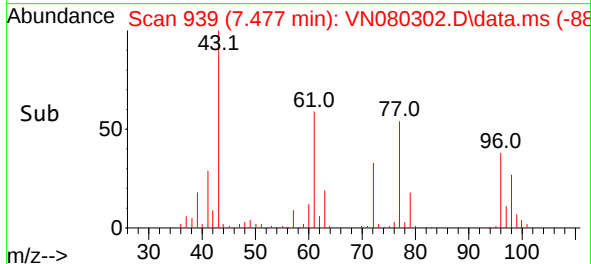
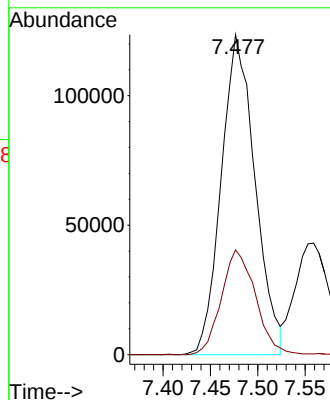
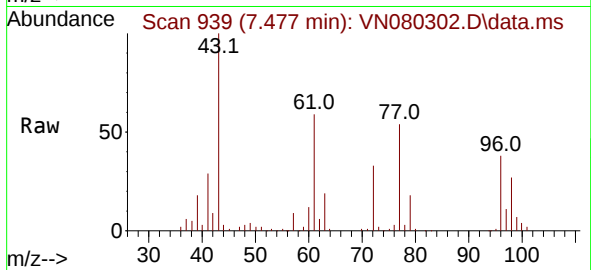
#25
2-Butanone
Concen: 207.028 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 307063
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2

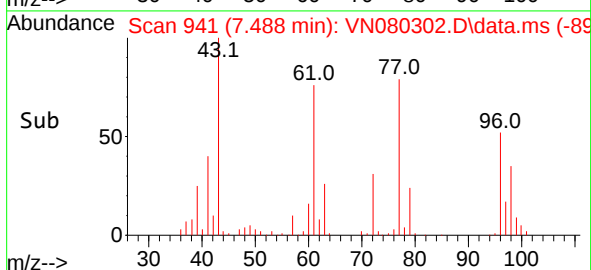
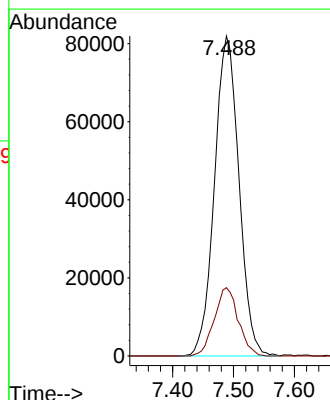
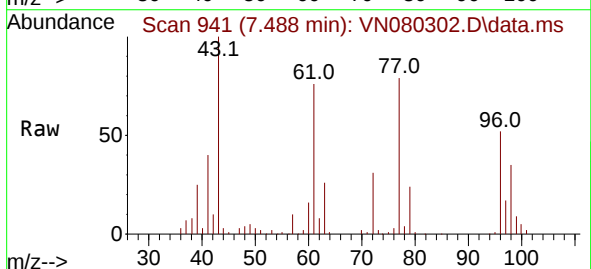
Manual Integrations
APPROVED

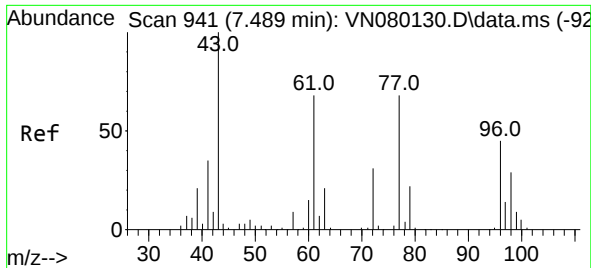
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#26
2,2-Dichloropropane
Concen: 47.780 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

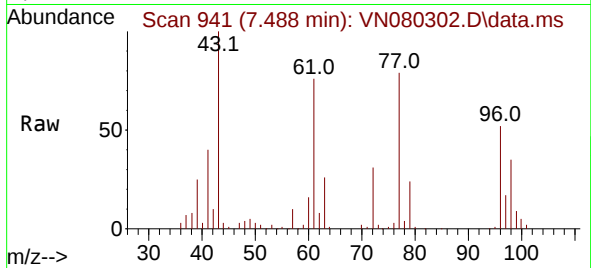
Tgt Ion: 77 Resp: 228647
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.235 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

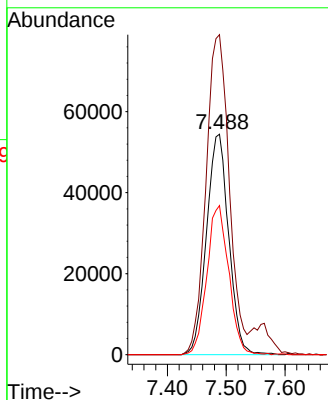
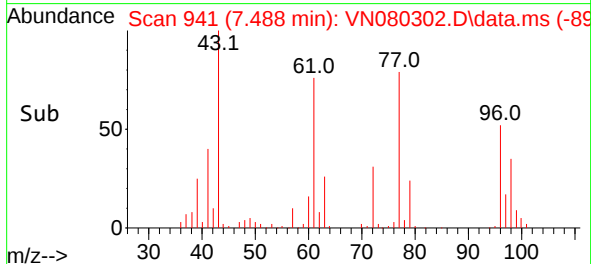
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 142931
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 255.2
 98 66.6 0.0 128.8

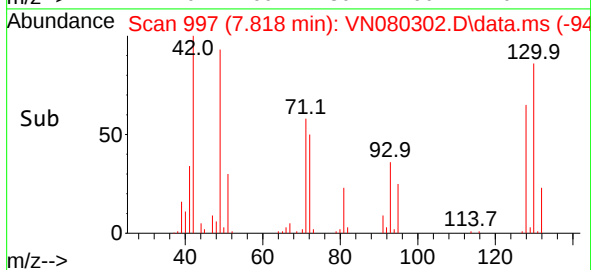
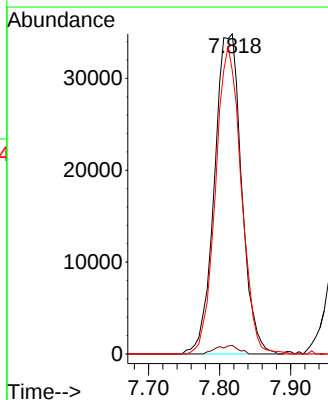
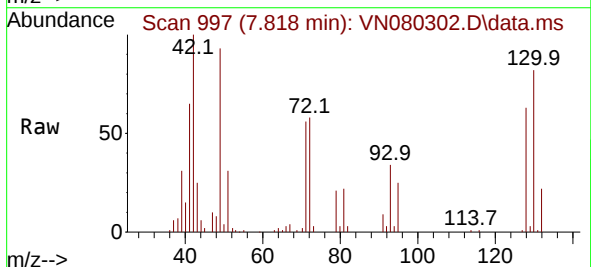
Manual Integrations
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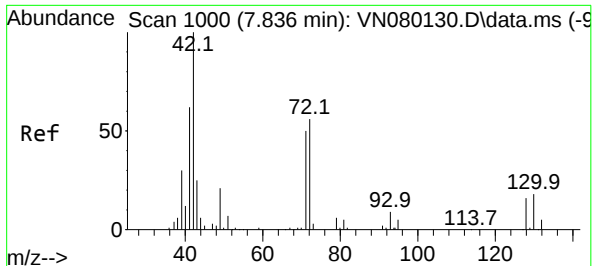
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#28
 Bromochloromethane
 Concen: 48.567 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

Tgt Ion: 49 Resp: 92094
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 91.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 211.351 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16829

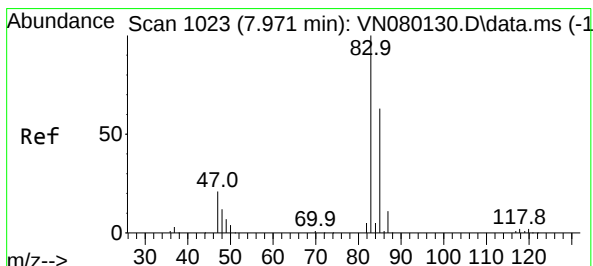
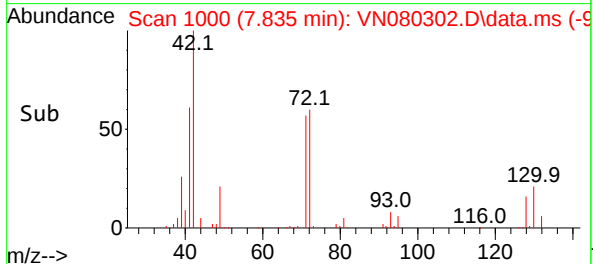
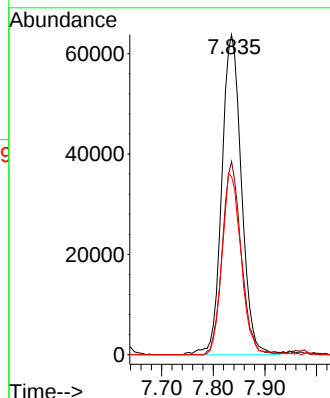
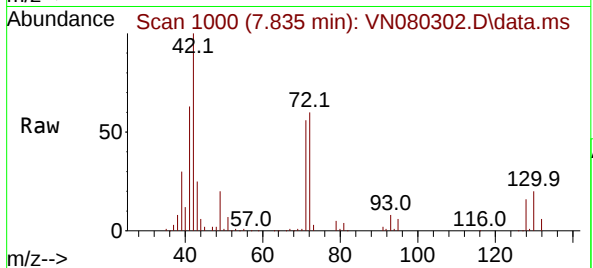
Ion	Ratio	Lower	Upper
42	100		
72	57.9	49.8	74.6
71	55.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 50.210 ug/l

RT: 7.965 min Scan# 1022

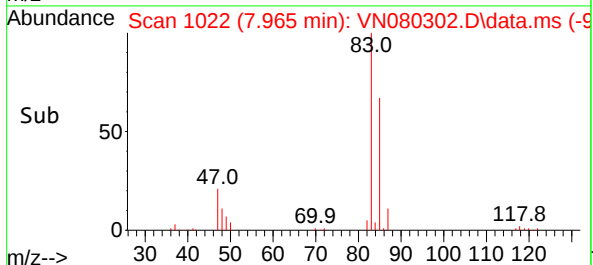
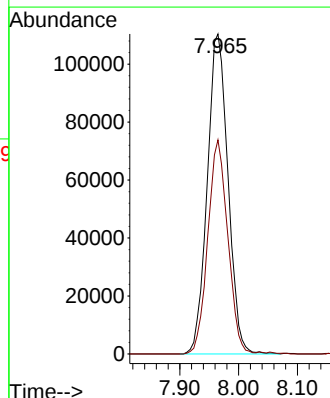
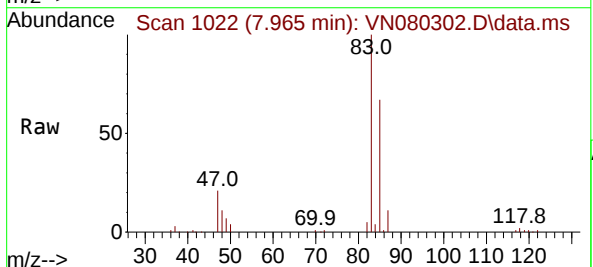
Delta R.T. -0.006 min

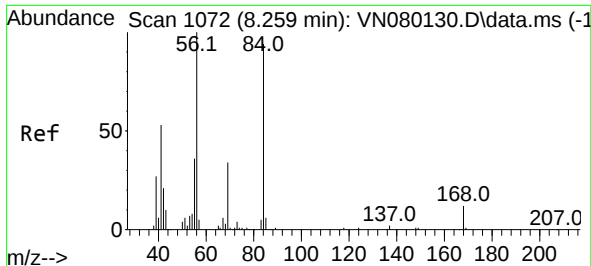
Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Tgt Ion: 83 Resp: 270688

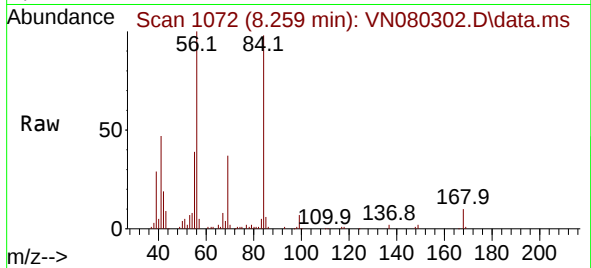
Ion	Ratio	Lower	Upper
83	100		
85	66.9	55.4	83.0





#31
Cyclohexane
Concen: 40.903 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

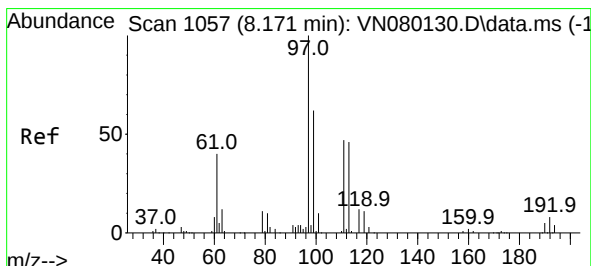
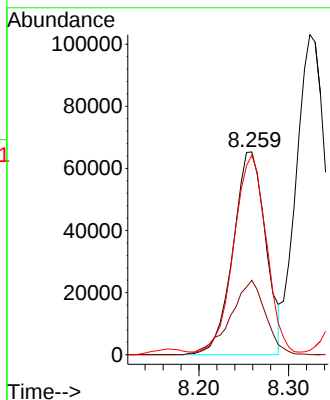
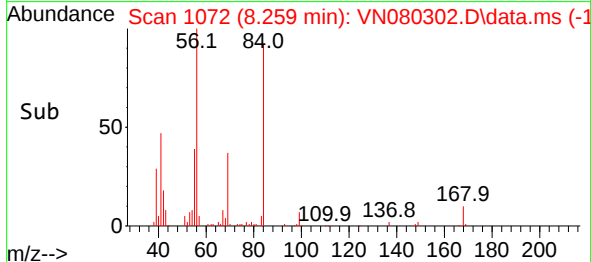
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 165328
Ion Ratio Lower Upper
56 100
69 36.7 26.8 40.2
84 96.0 81.8 122.6

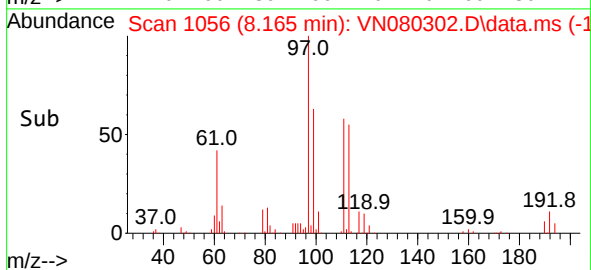
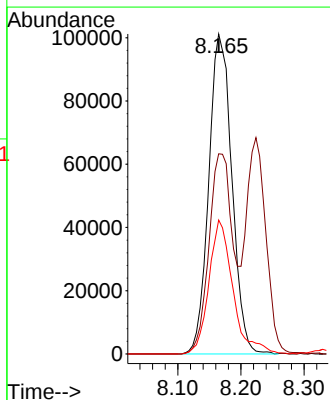
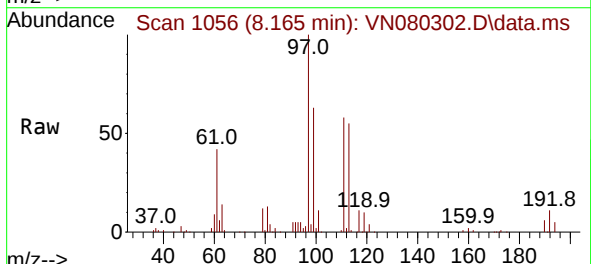
Manual Integrations
APPROVED

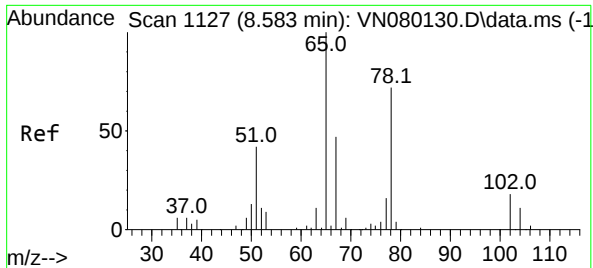
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 48.925 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 97 Resp: 257224
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.214 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18291

Ion Ratio Lower Upper

65 100

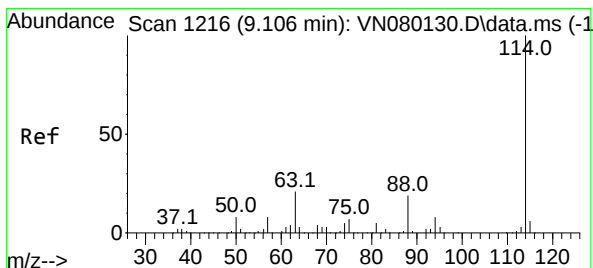
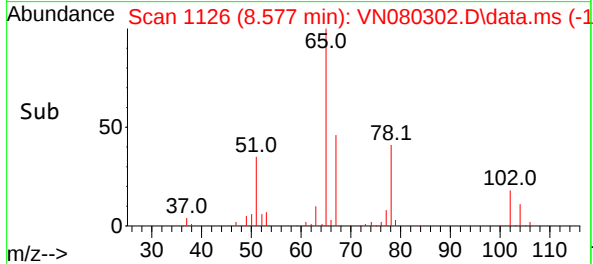
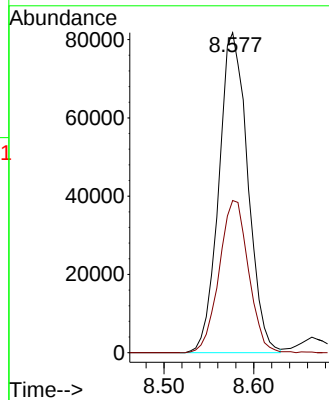
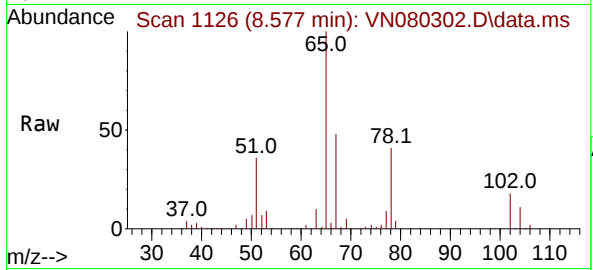
67 48.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

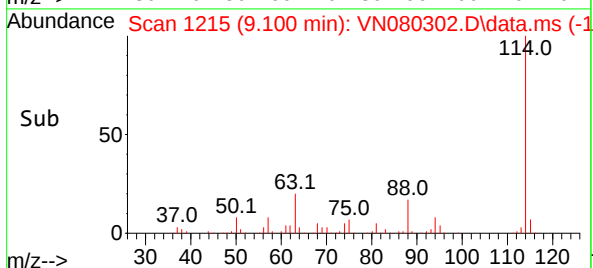
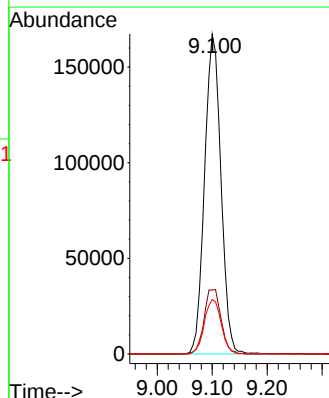
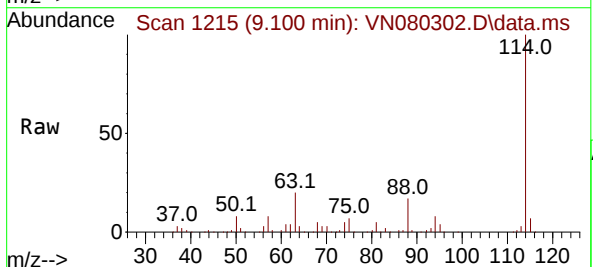
Tgt Ion:114 Resp: 346223

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.013 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 13543

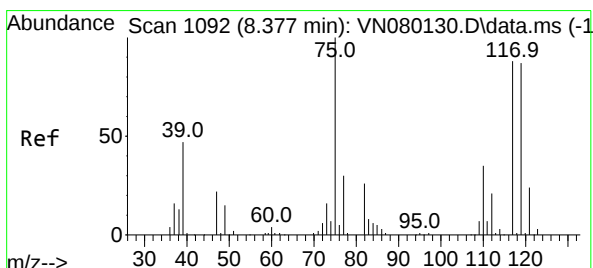
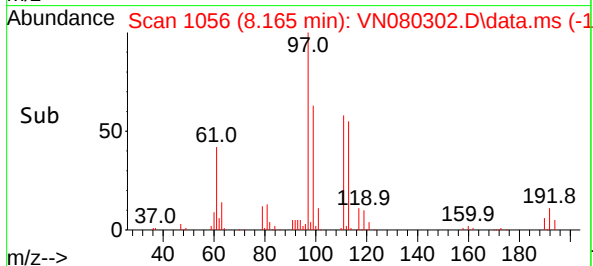
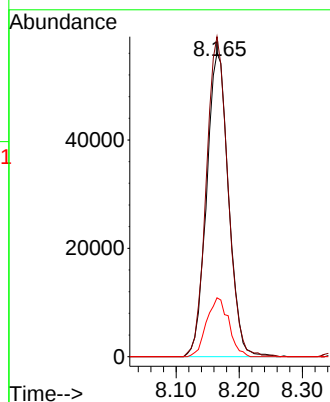
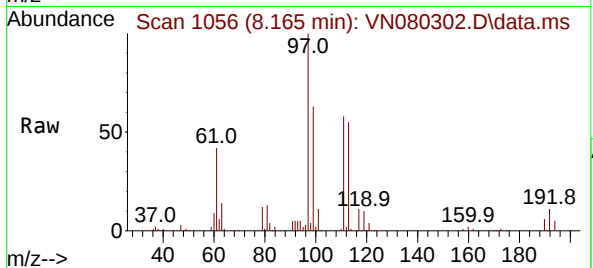
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#36

1,1-Dichloropropene

Concen: 48.828 ug/l

RT: 8.371 min Scan# 1091

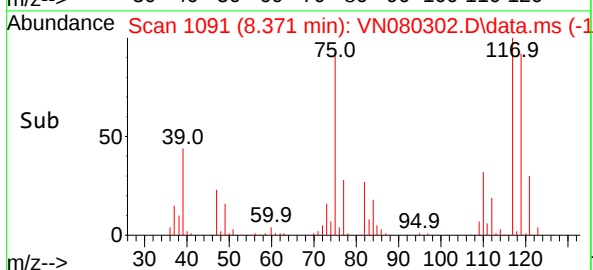
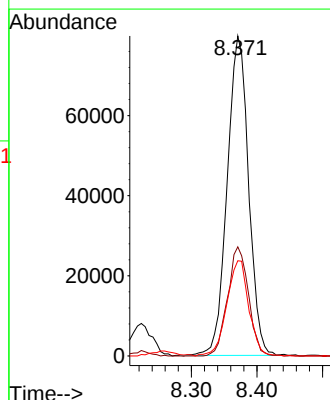
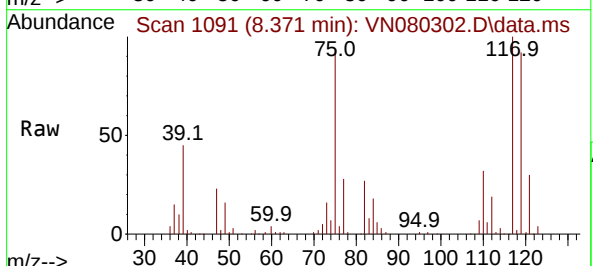
Delta R.T. -0.006 min

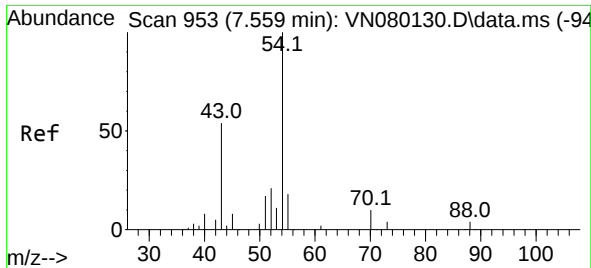
Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Tgt Ion: 75 Resp: 180599

Ion	Ratio	Lower	Upper
75	100		
110	33.4	19.1	57.3
77	30.8	25.0	37.4





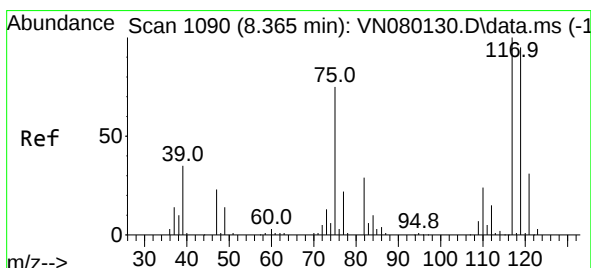
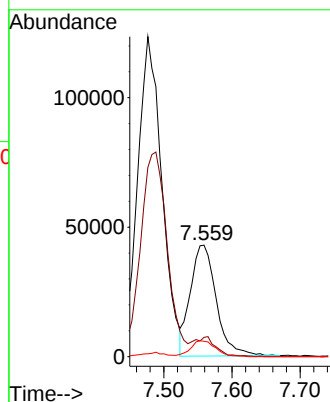
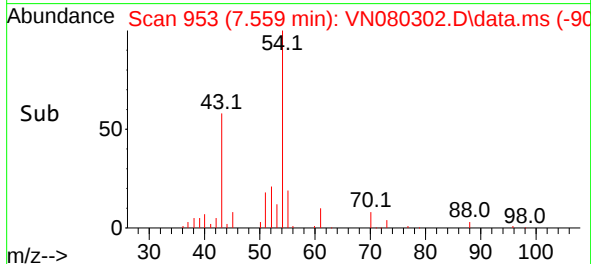
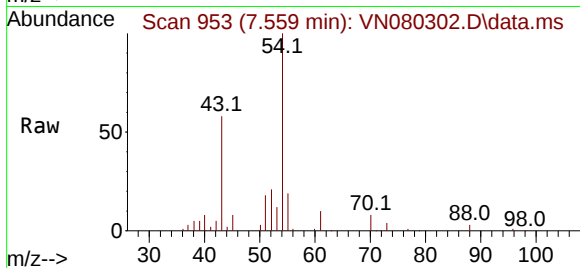
#37
Ethyl Acetate
Concen: 44.008 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 112904
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 13.9 11.3 16.9

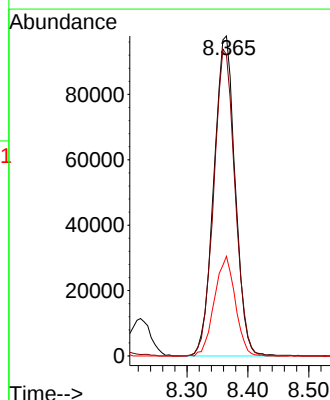
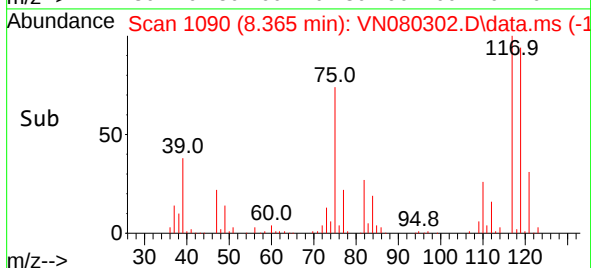
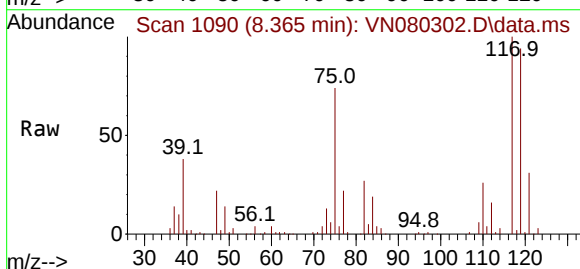
Manual Integrations
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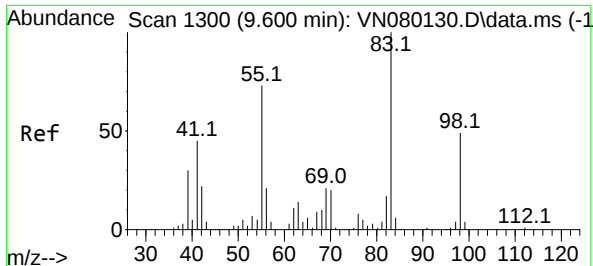
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#38
Carbon Tetrachloride
Concen: 50.667 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion:117 Resp: 237813
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 31.1 23.3 34.9





#39
Methylcyclohexane
Concen: 47.376 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

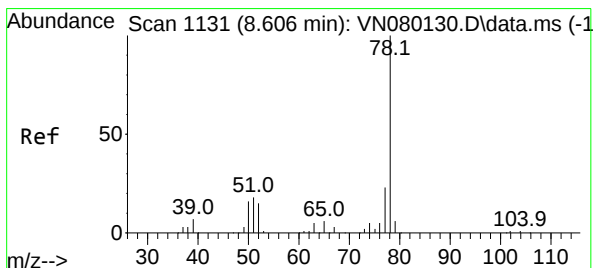
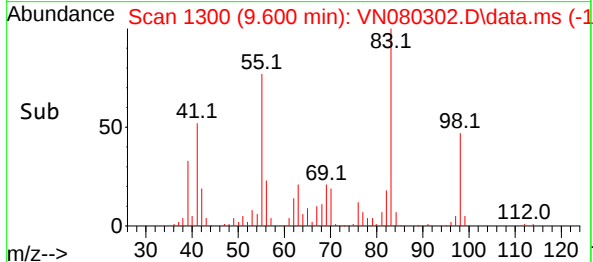
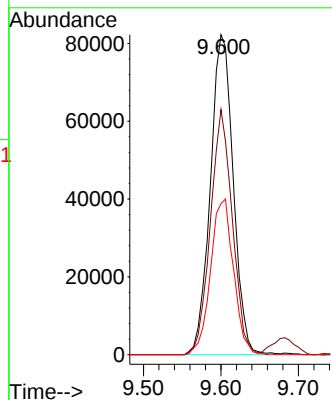
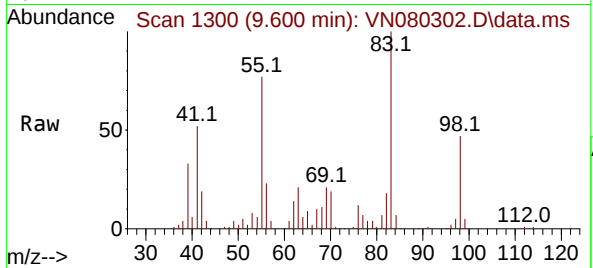
VSTDCCC050

Tgt Ion: 83 Resp: 16895
Ion Ratio Lower Upper
83 100
55 76.6 49.1 73.7
98 47.2 40.6 61.0

Manual Integrations

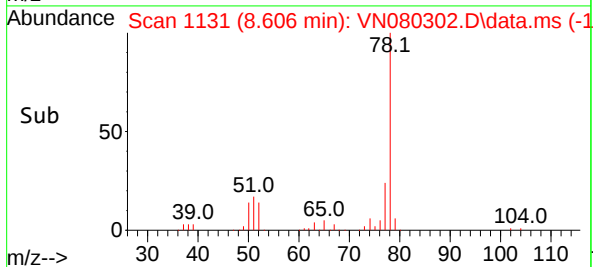
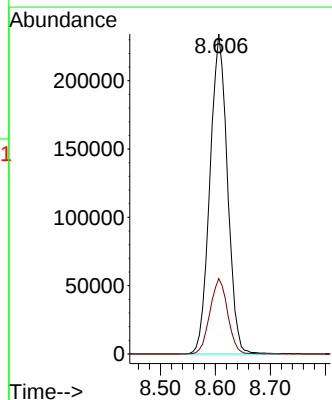
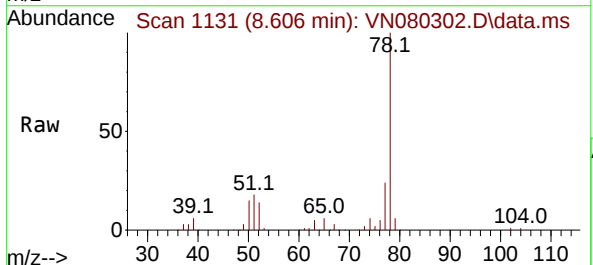
APPROVED

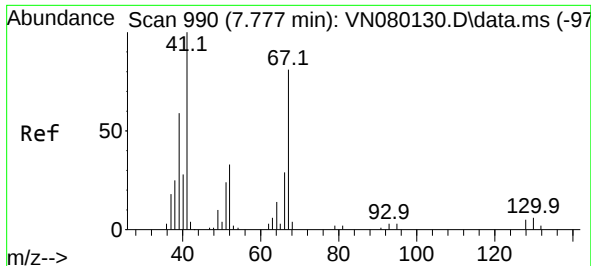
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#40
Benzene
Concen: 49.303 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

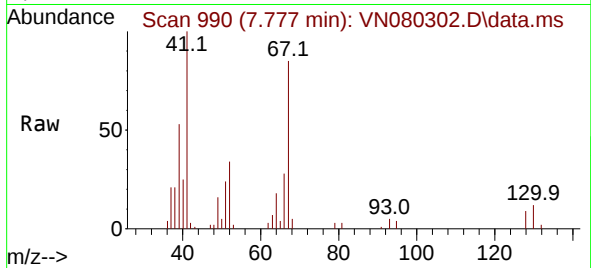
Tgt Ion: 78 Resp: 518276
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 46.048 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

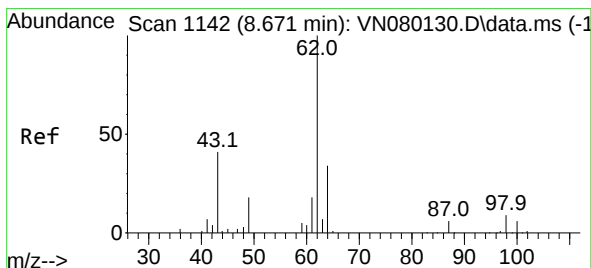
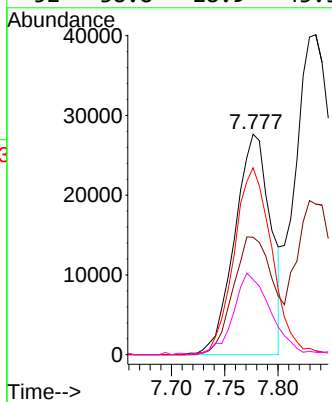
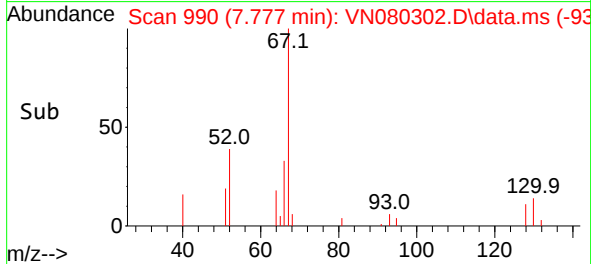
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 64878
Ion Ratio Lower Upper
41 100
39 60.3 42.6 64.0
67 89.6 77.5 116.3
52 38.8 28.9 43.3

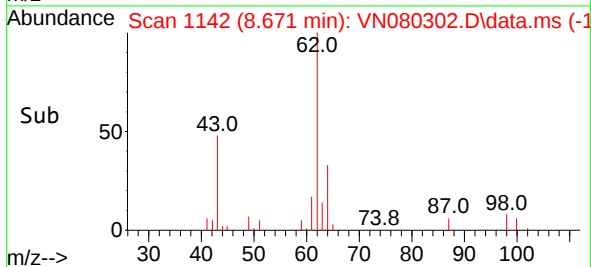
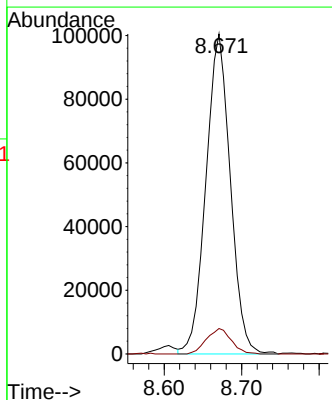
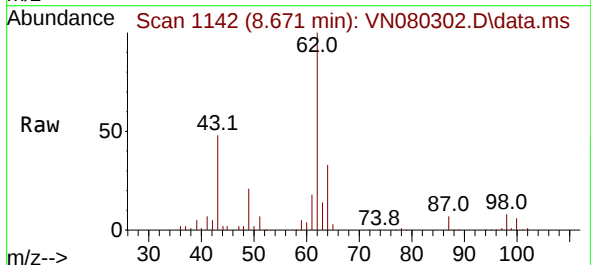
Manual Integrations
APPROVED

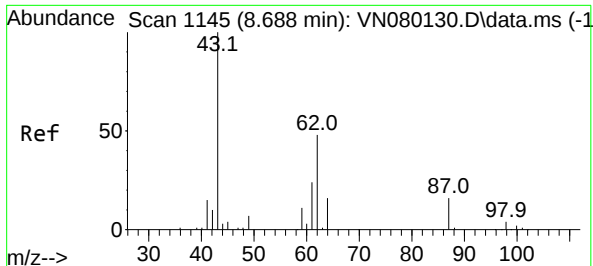
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
1,2-Dichloroethane
Concen: 51.090 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 62 Resp: 219724
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





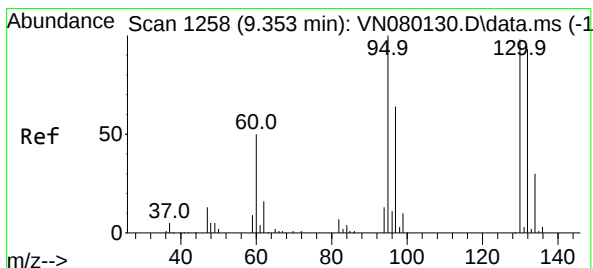
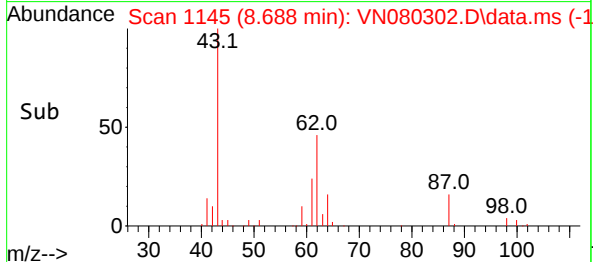
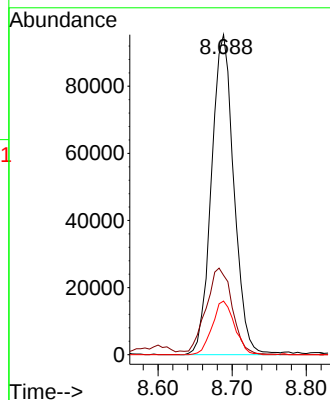
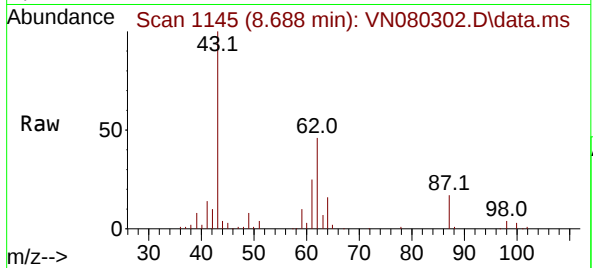
#43
Isopropyl Acetate
Concen: 40.201 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20070
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 16.6 14.6 21.8

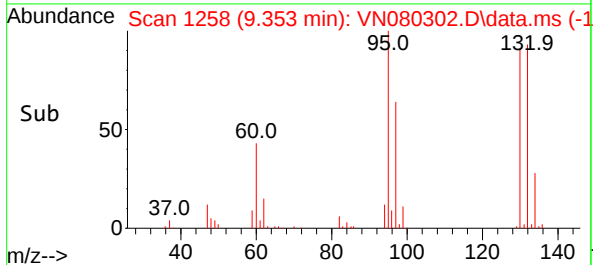
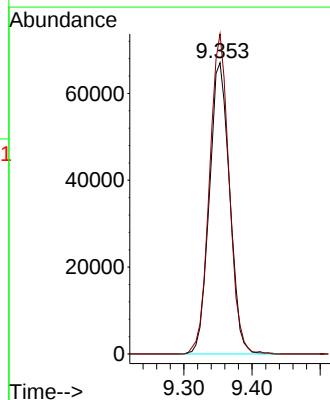
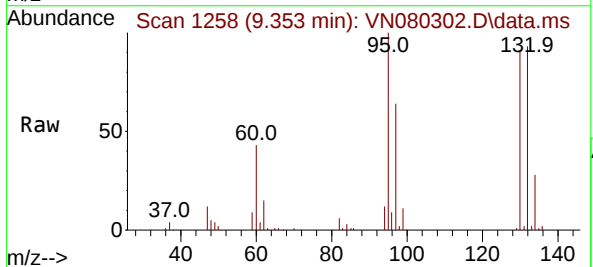
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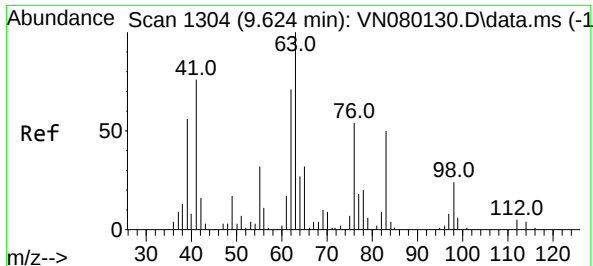
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#44
Trichloroethene
Concen: 50.353 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion:130 Resp: 138846
Ion Ratio Lower Upper
130 100
95 109.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.412 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12559

Ion Ratio Lower Upper

63 100

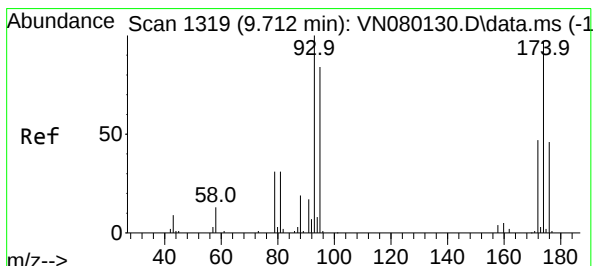
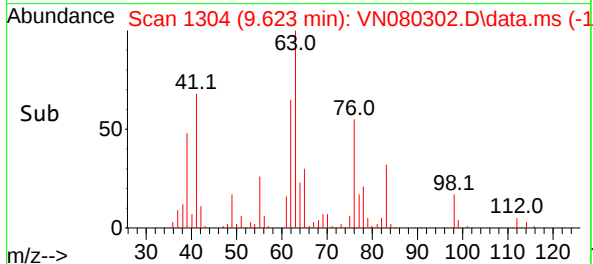
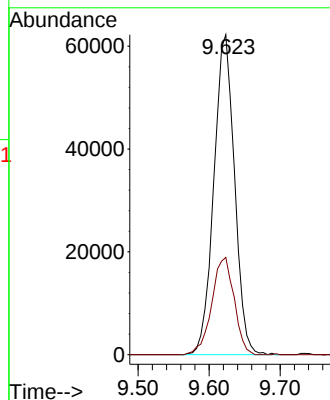
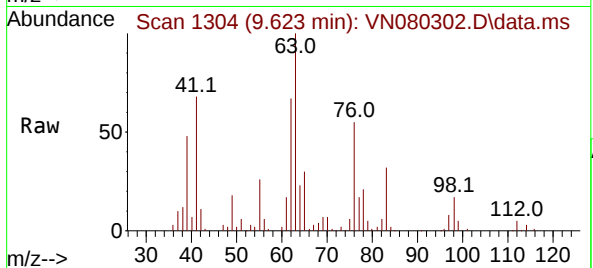
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#46

Dibromomethane

Concen: 50.559 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

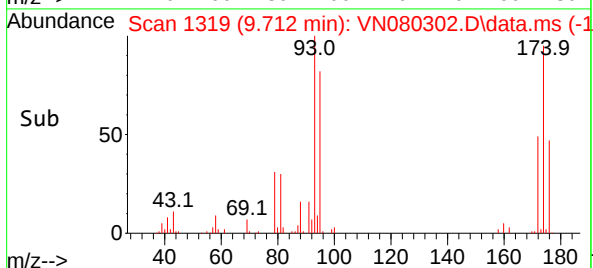
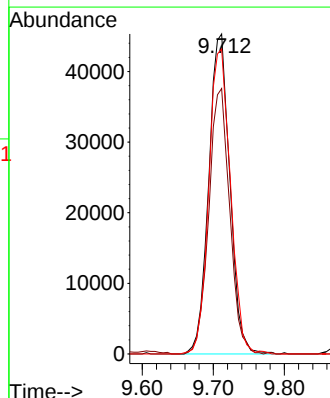
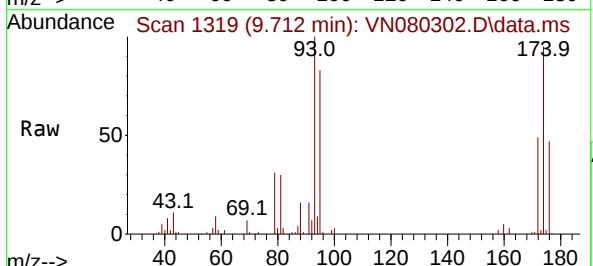
Tgt Ion: 93 Resp: 93494

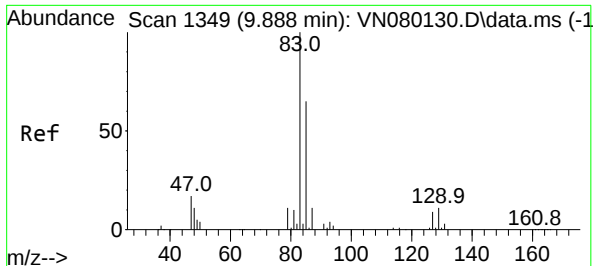
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

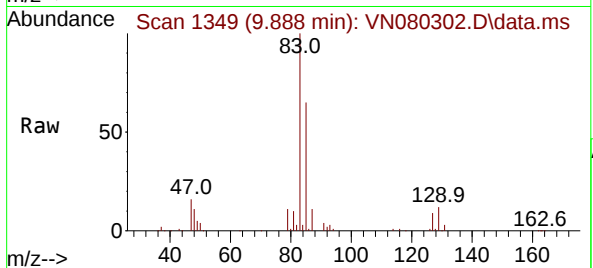
174 97.8 65.6 98.4





#47
Bromodichloromethane
Concen: 53.569 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

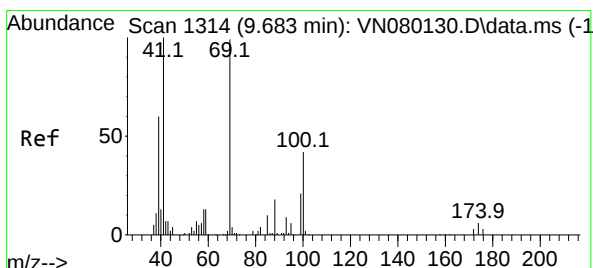
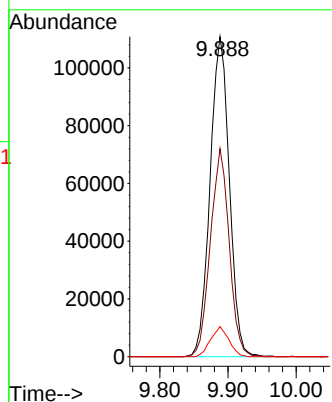
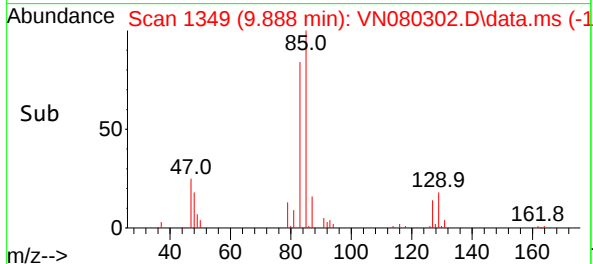
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 217904
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 9.4 7.0 10.6

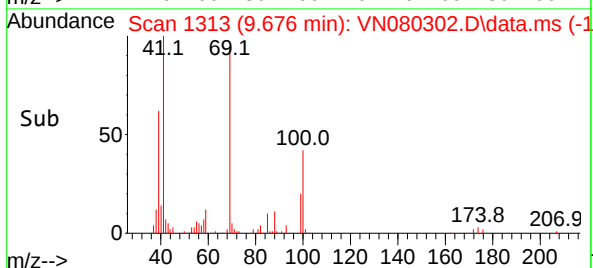
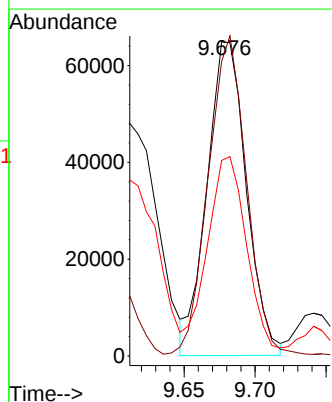
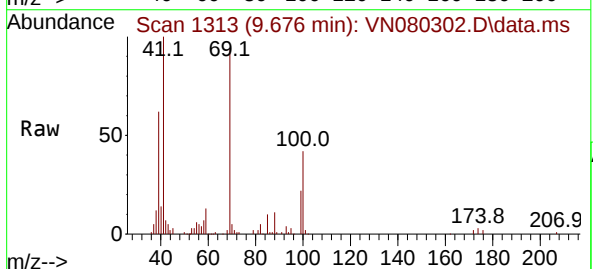
Manual Integrations
APPROVED

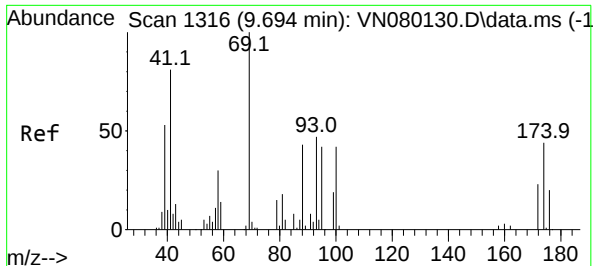
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#48
Methyl methacrylate
Concen: 48.524 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 41 Resp: 124842
Ion Ratio Lower Upper
41 100
69 100.3 90.4 135.6
39 64.5 54.6 81.8





#49

1,4-Dioxane

Concen: 817.891 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3500

Ion Ratio Lower Upper

88 100

43 31.7 17.0 25.6

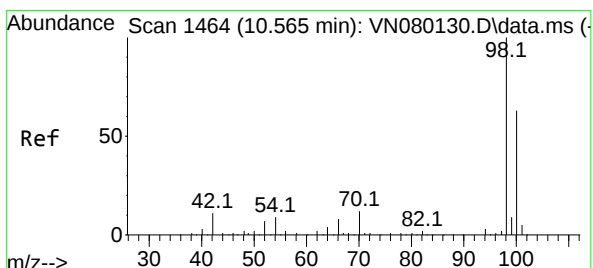
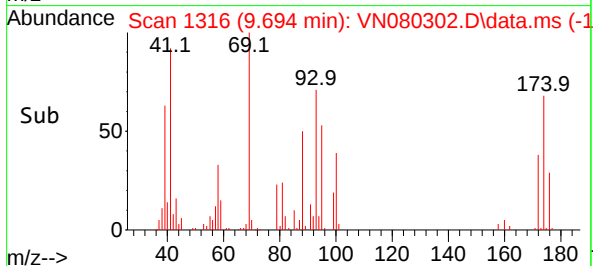
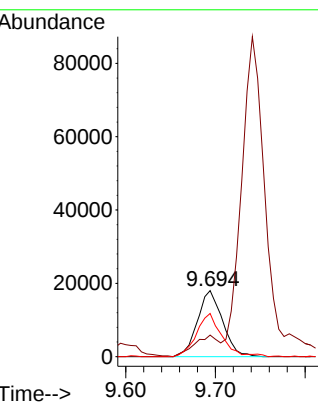
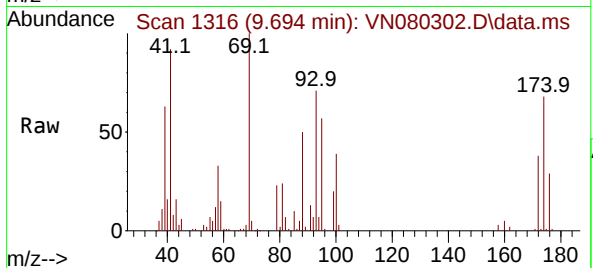
58 64.9 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#50

Toluene-d8

Concen: 52.771 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080302.D

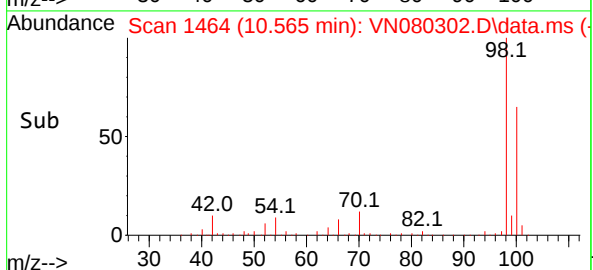
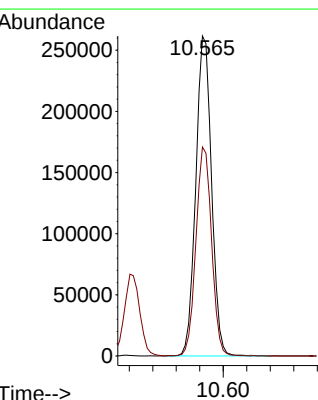
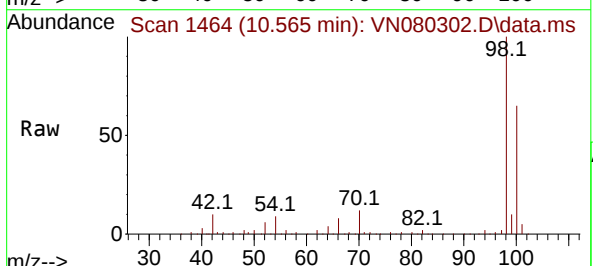
Acq: 29 Nov 2023 11:11

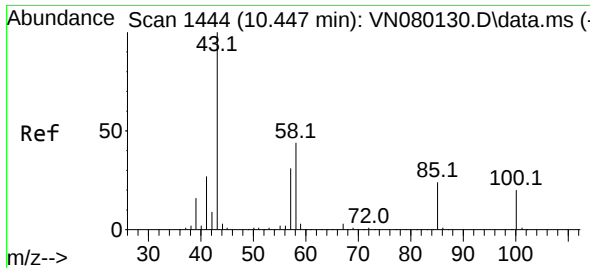
Tgt Ion: 98 Resp: 485973

Ion Ratio Lower Upper

98 100

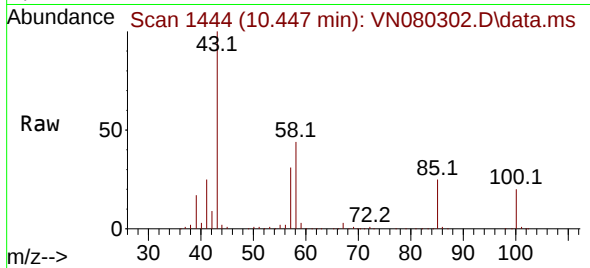
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 226.518 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

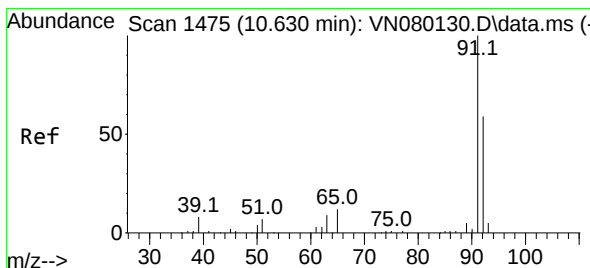
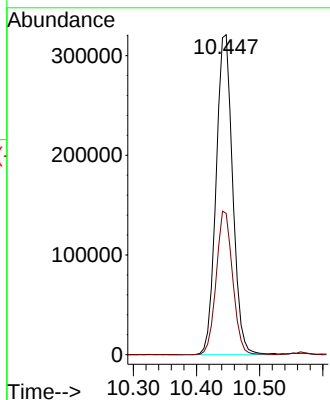
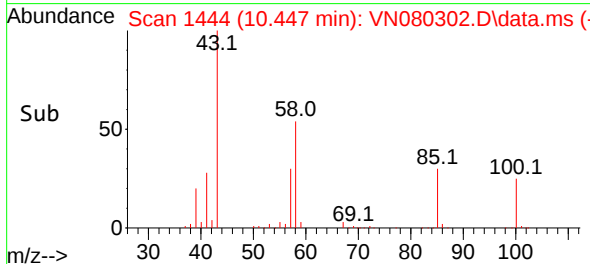
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 58548
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

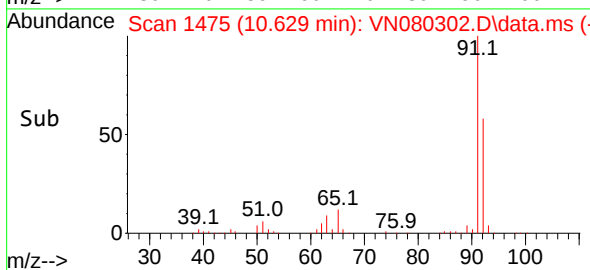
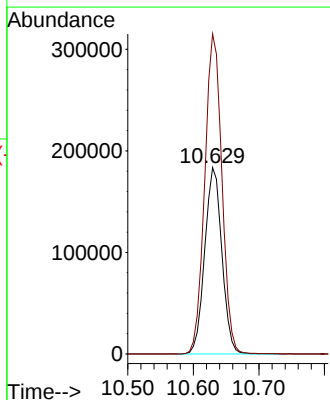
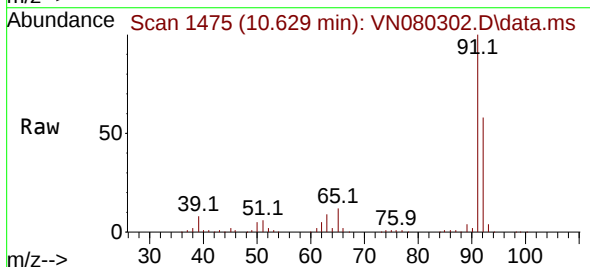
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
Toluene
Concen: 50.799 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 92 Resp: 334190
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0





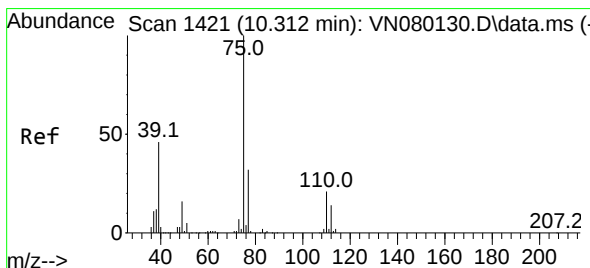
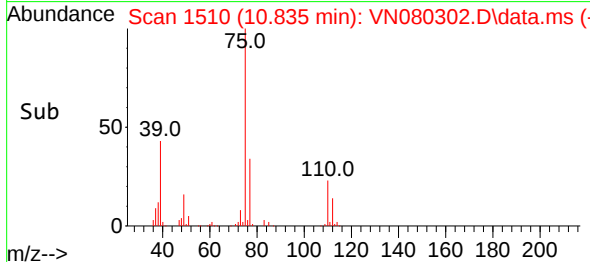
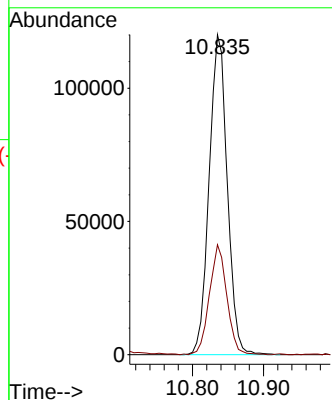
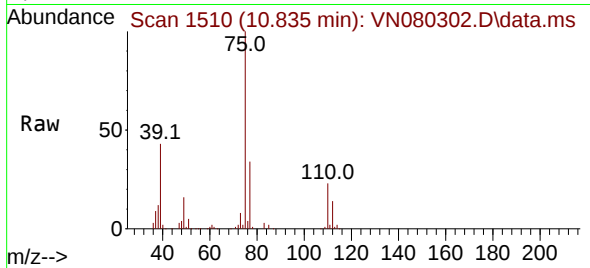
#53
t-1,3-Dichloropropene
Concen: 50.873 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 212614
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0

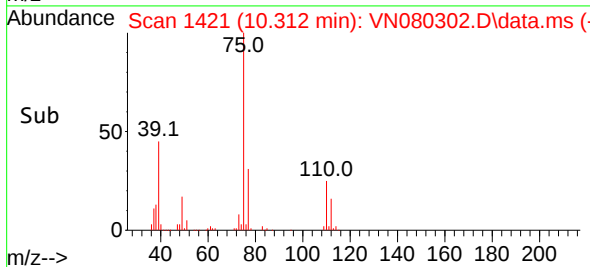
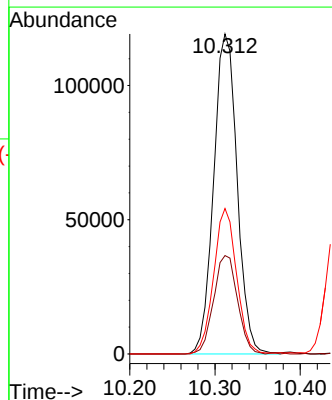
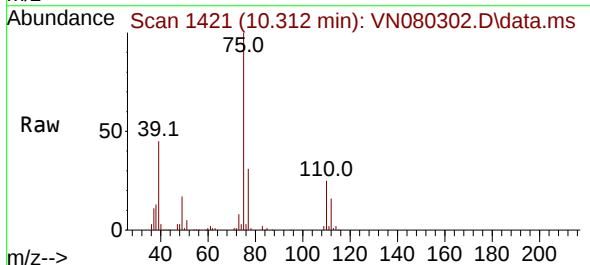
Manual Integrations
APPROVED

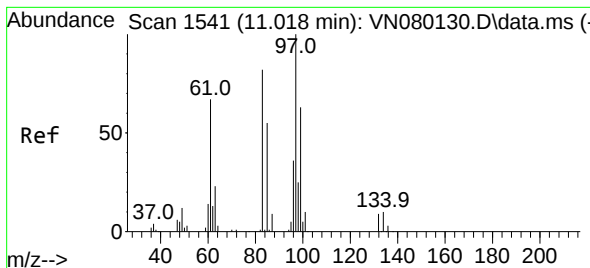
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#54
cis-1,3-Dichloropropene
Concen: 53.502 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

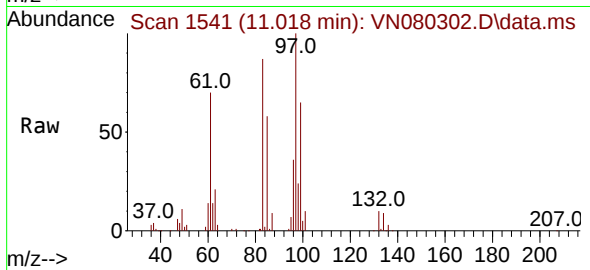
Tgt Ion: 75 Resp: 228440
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.846 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

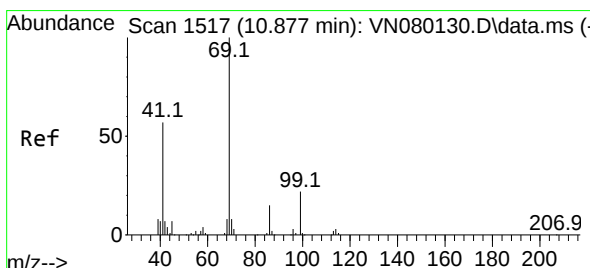
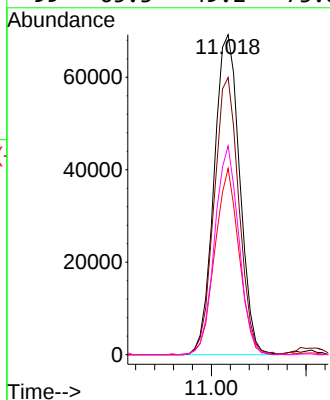
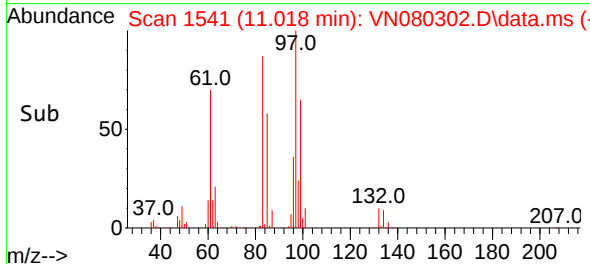
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



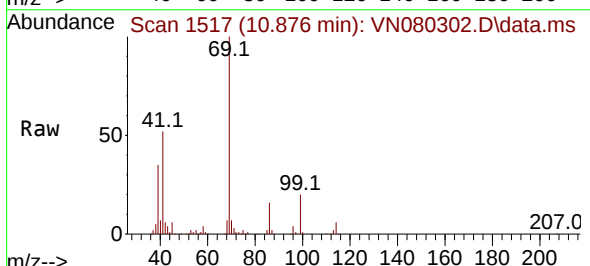
Tgt Ion:	97	Resp:	130178
Ion Ratio	100	Lower	Upper
97	100		
83	86.6	65.1	97.7
85	58.2	43.4	65.2
99	65.3	49.2	73.8

Manual Integrations
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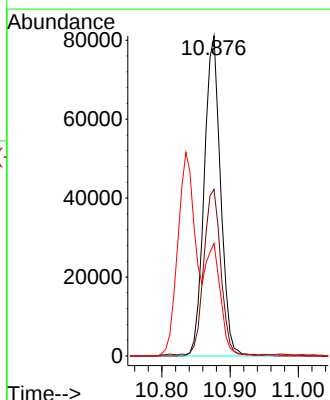
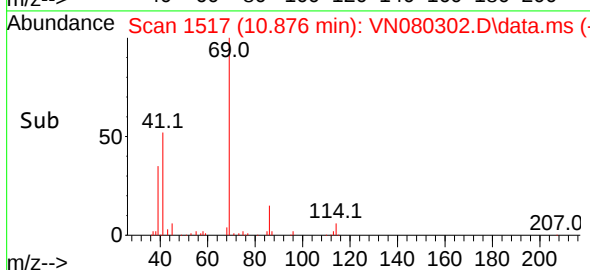
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

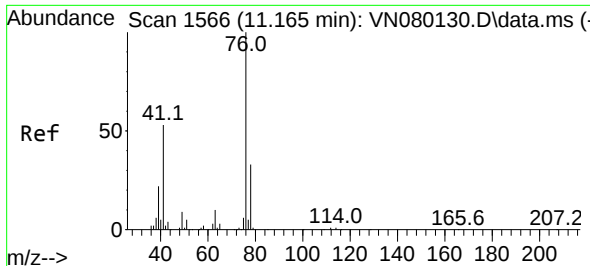


#56
Ethyl methacrylate
Concen: 52.916 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11



Tgt Ion:	69	Resp:	135733
Ion Ratio	100	Lower	Upper
69	100		
41	53.8	39.6	59.4
39	31.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.859 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 222960

Ion Ratio Lower Upper

76 100

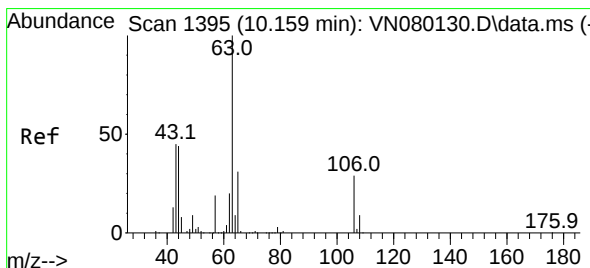
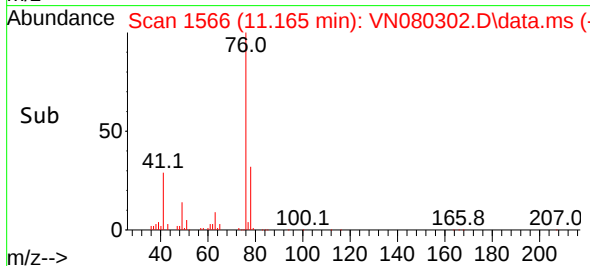
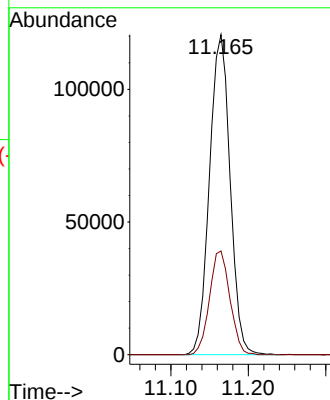
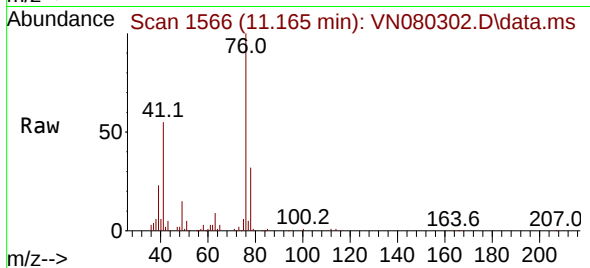
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 229.500 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080302.D

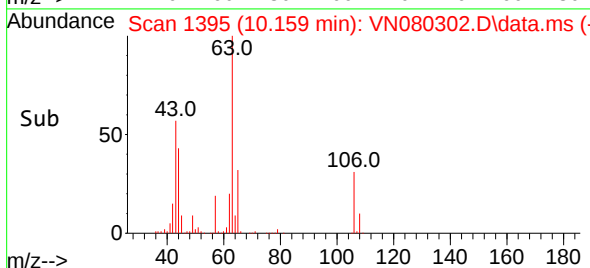
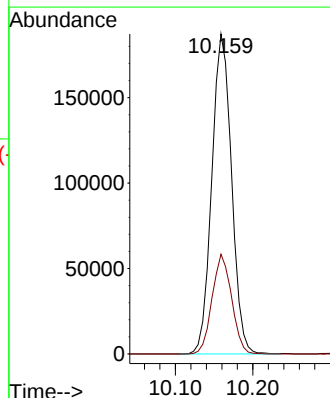
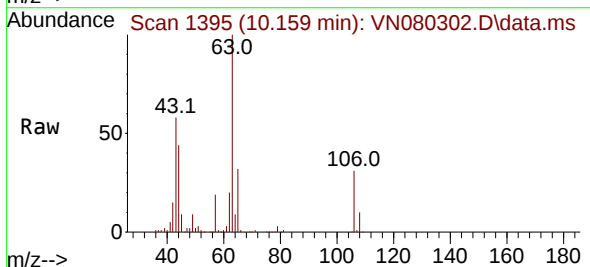
Acq: 29 Nov 2023 11:11

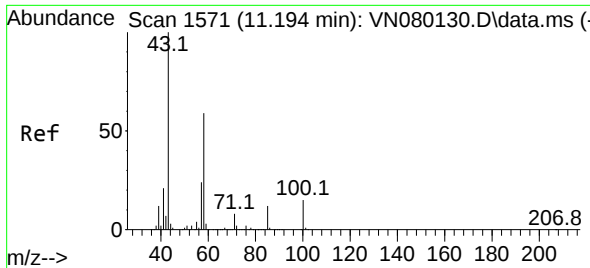
Tgt Ion: 63 Resp: 331648

Ion Ratio Lower Upper

63 100

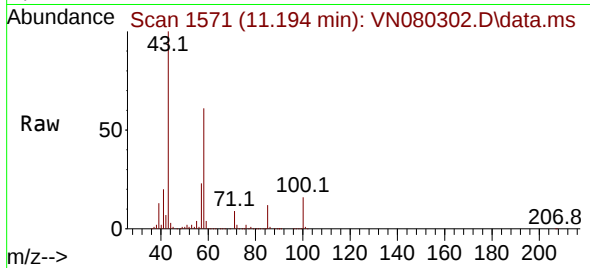
106 30.7 26.2 39.4





#59
2-Hexanone
Concen: 216.420 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

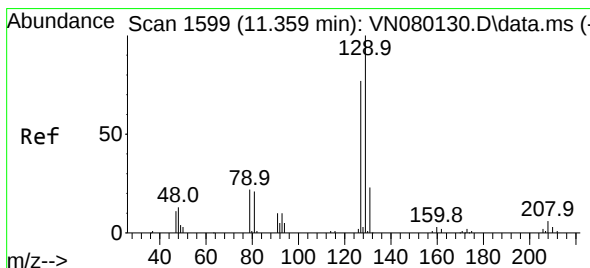
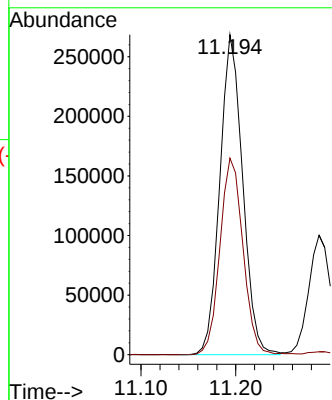
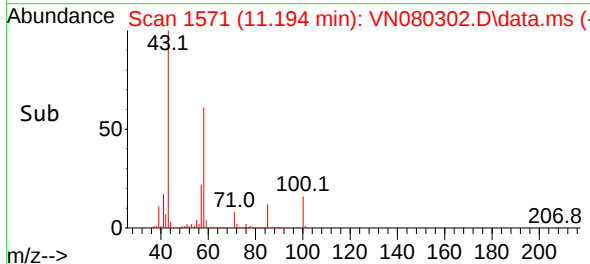
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 44949
Ion Ratio Lower Upper
43 100
58 62.2 31.7 95.1

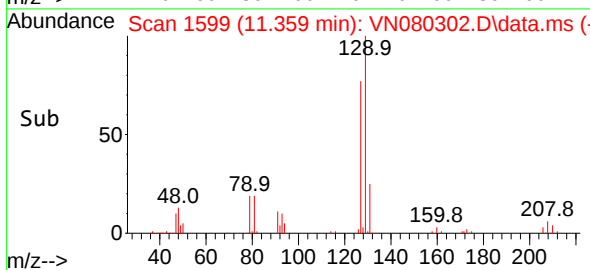
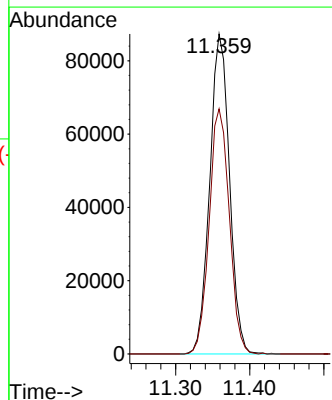
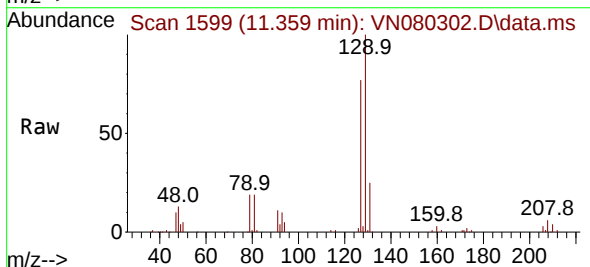
Manual Integrations
APPROVED

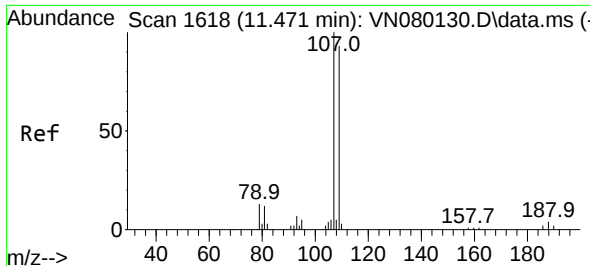
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 53.768 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

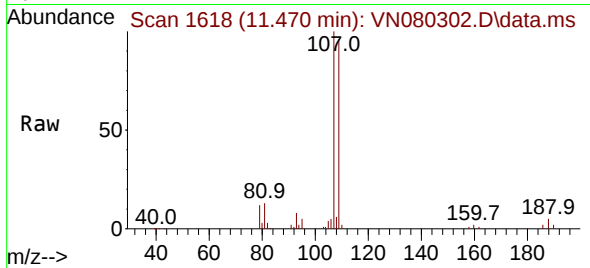
Tgt Ion:129 Resp: 161631
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.871 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

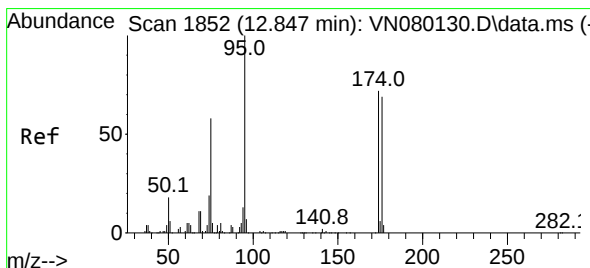
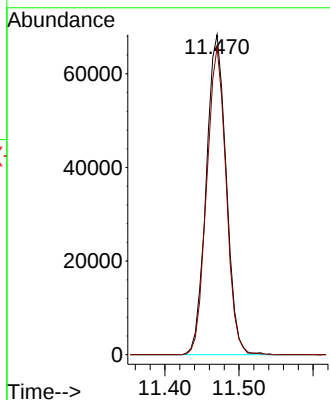
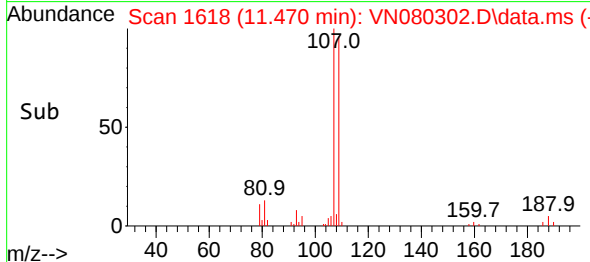
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



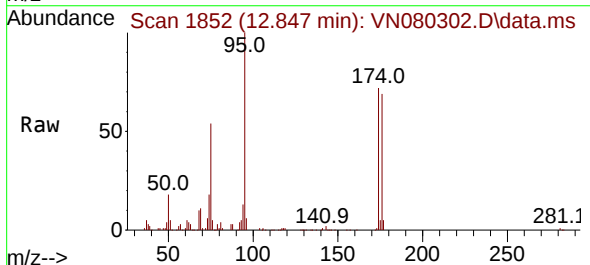
Tgt Ion:107 Resp: 127740
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

Manual Integrations
APPROVED

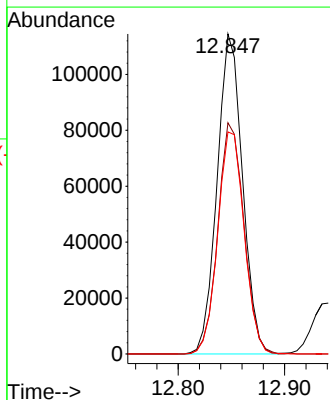
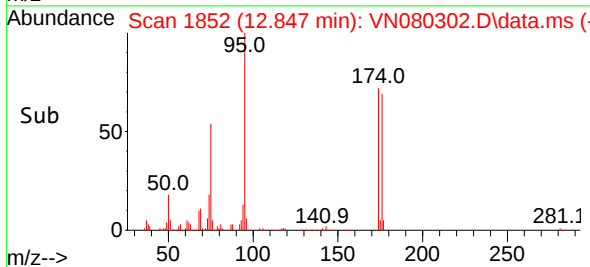
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

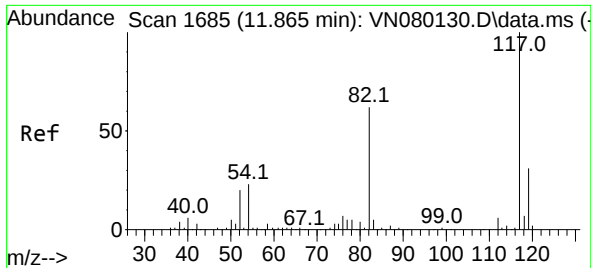


#62
4-Bromofluorobenzene
Concen: 54.427 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11



Tgt Ion: 95 Resp: 189320
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.2 0.0 135.8





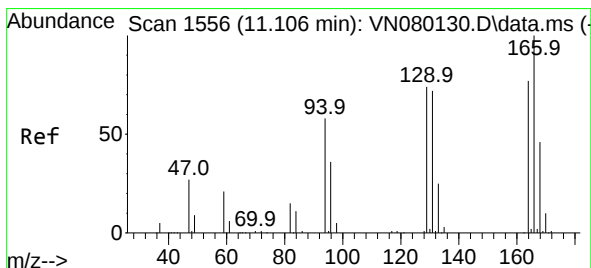
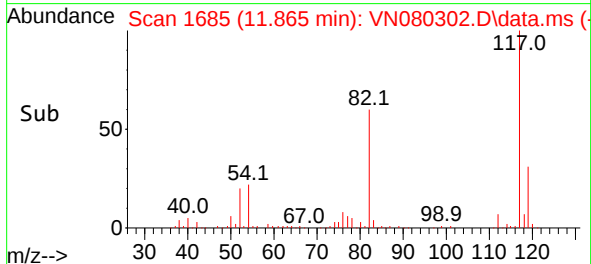
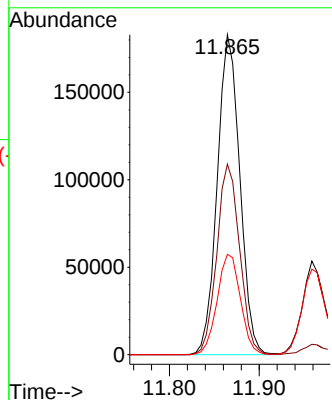
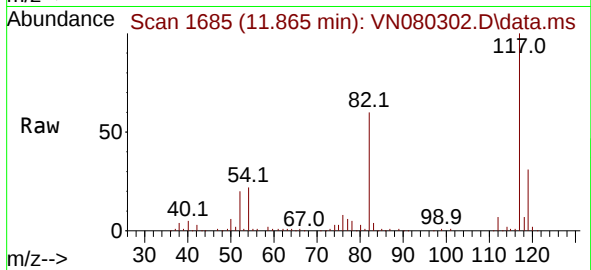
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 31994
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 31.3 25.6 38.4

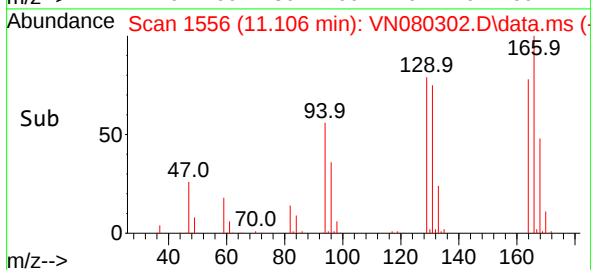
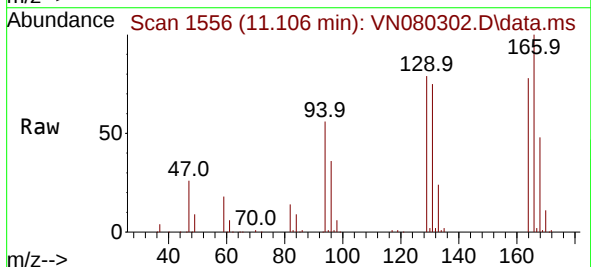
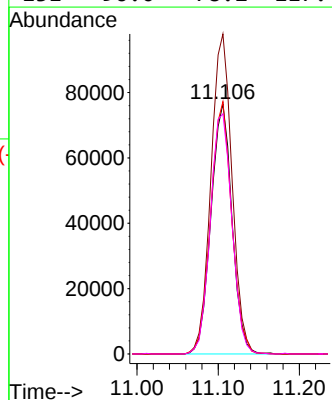
Manual Integrations
APPROVED

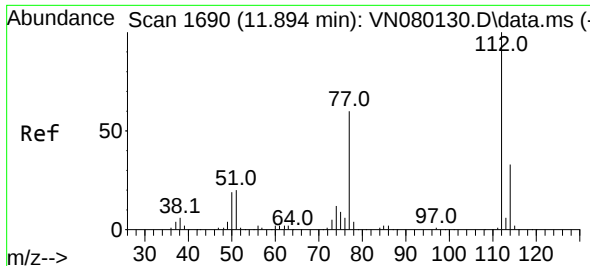
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#64
Tetrachloroethene
Concen: 56.267 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

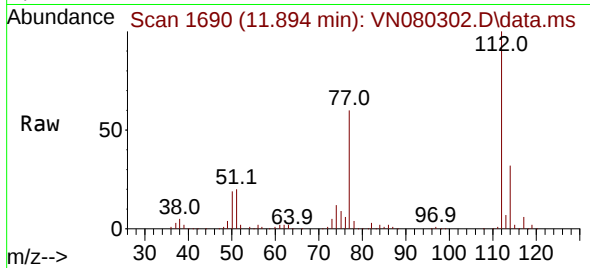
Tgt Ion:164 Resp: 137385
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 100.9 82.4 123.6
131 96.0 78.2 117.4





#65
Chlorobenzene
Concen: 48.574 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

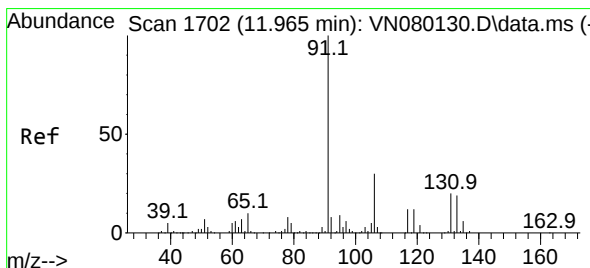
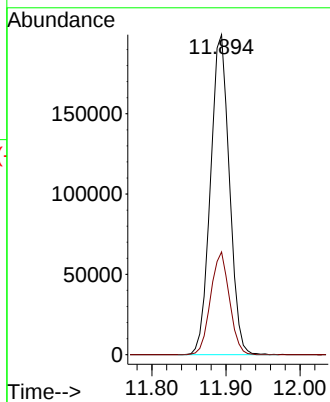
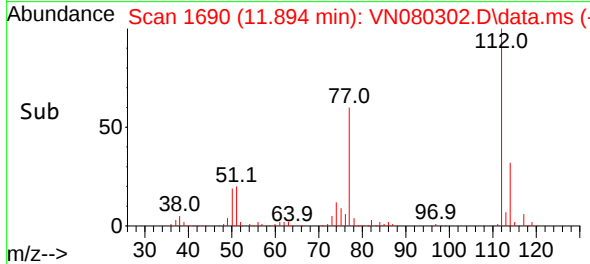
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



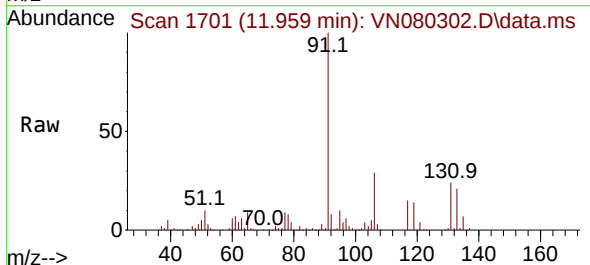
Tgt Ion:112 Resp: 35214
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

Manual Integrations
APPROVED

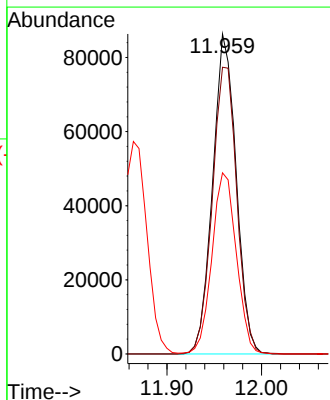
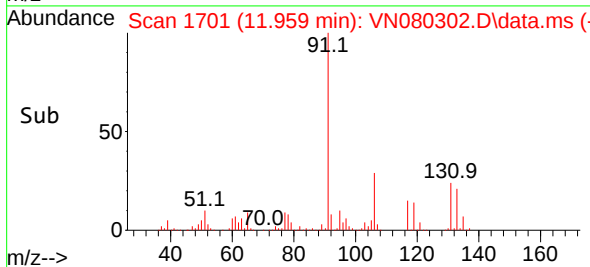
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

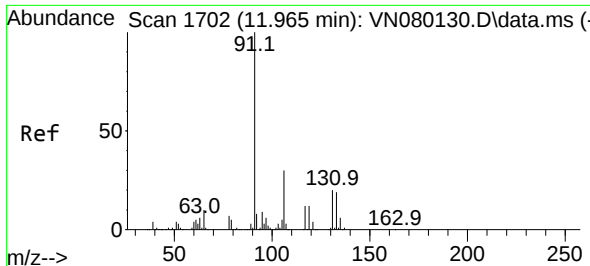


#66
1,1,1,2-Tetrachloroethane
Concen: 52.923 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11



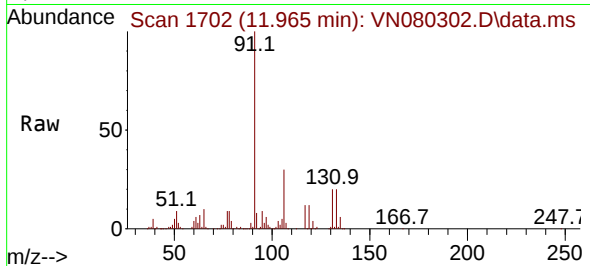
Tgt Ion:131 Resp: 148891
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 58.9 34.1 102.2





#67
Ethyl Benzene
Concen: 50.963 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

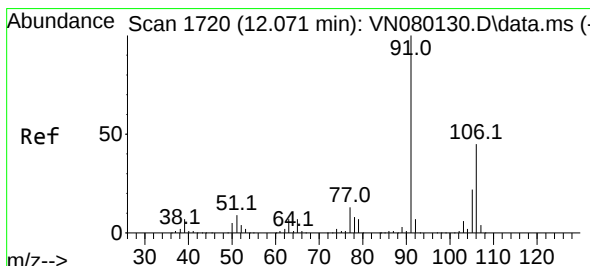
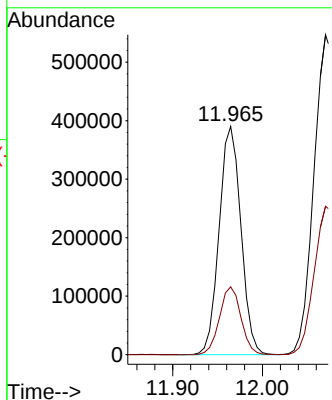
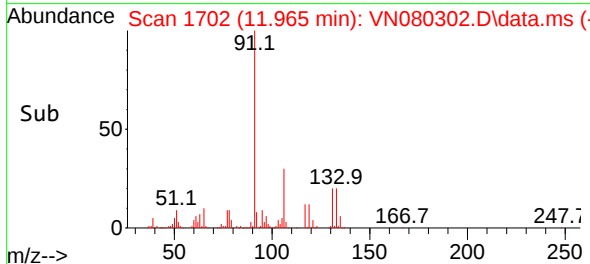
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



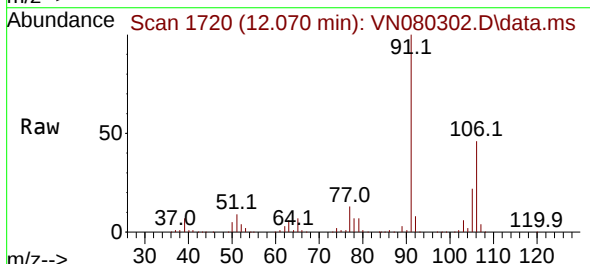
Tgt Ion: 91 Resp: 657434
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

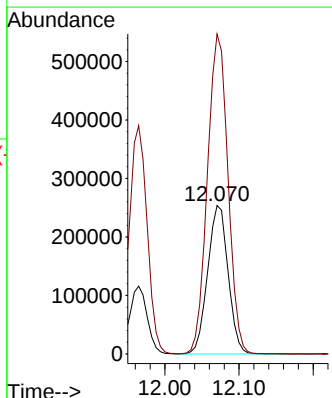
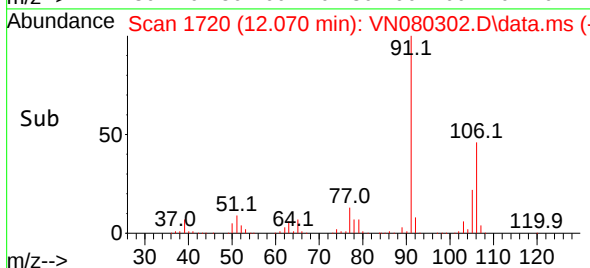
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

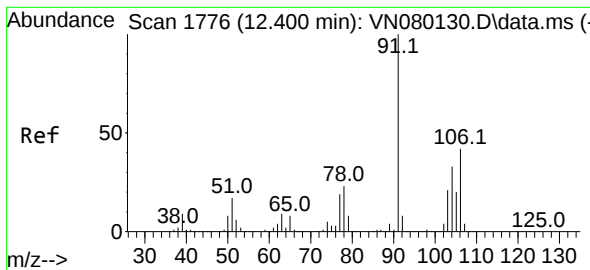


#68
m/p-Xylenes
Concen: 103.265 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11



Tgt Ion:106 Resp: 485710
Ion Ratio Lower Upper
106 100
91 217.1 159.6 239.4





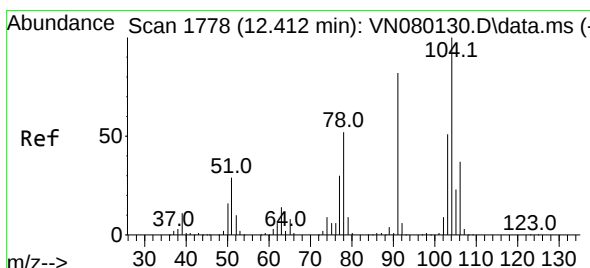
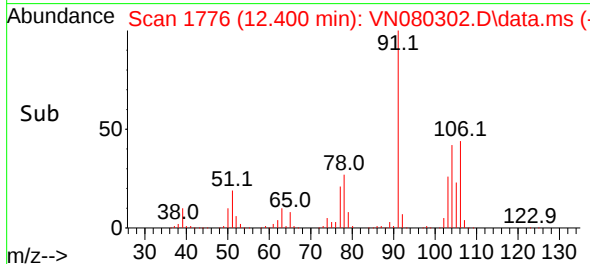
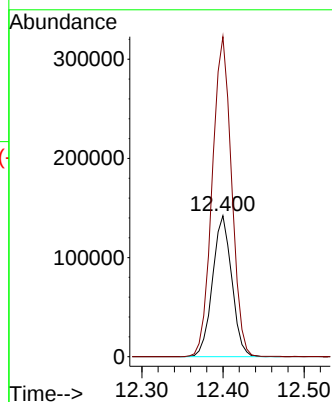
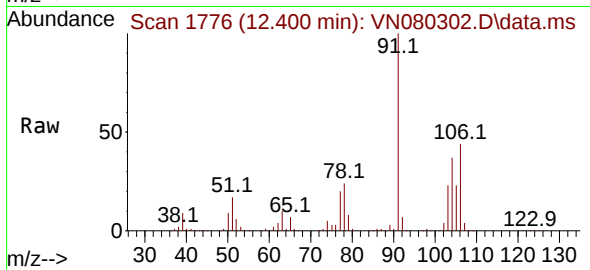
#69
o-Xylene
Concen: 52.637 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 23332
Ion Ratio Lower Upper
106 100
91 228.8 105.2 315.5

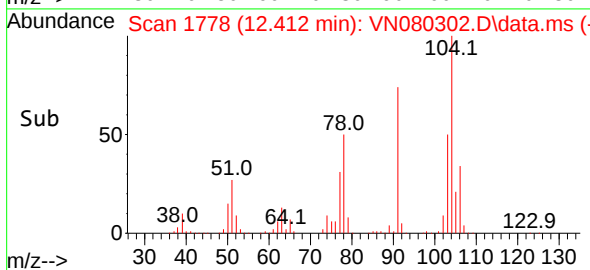
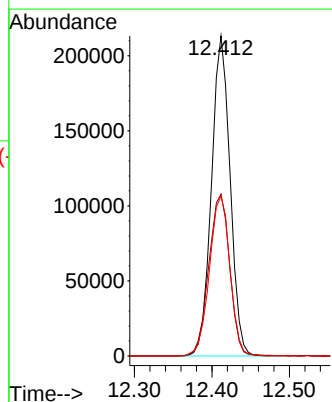
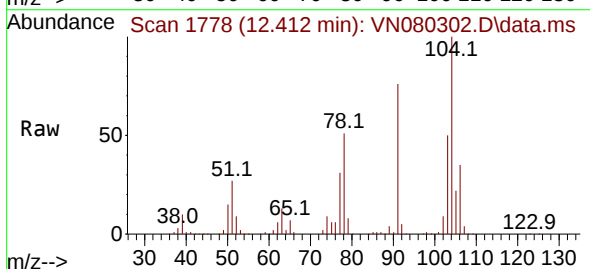
Manual Integrations
APPROVED

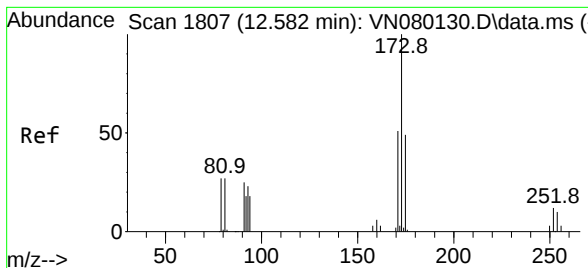
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 54.087 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

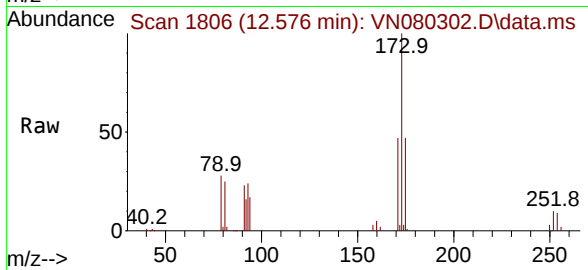
Tgt Ion:104 Resp: 356848
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 54.8 43.2 64.8





#71
Bromoform
Concen: 51.047 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

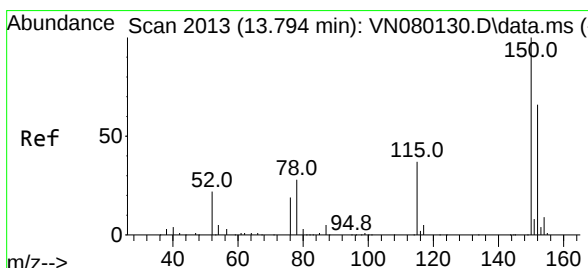
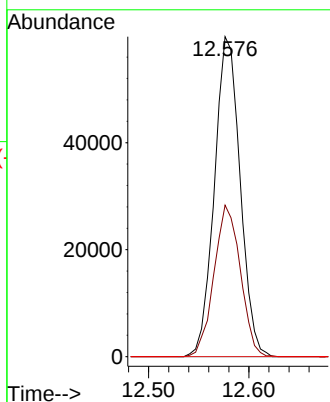
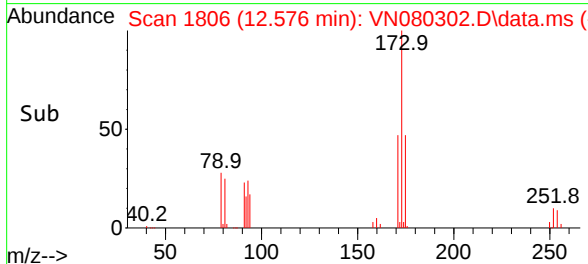
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



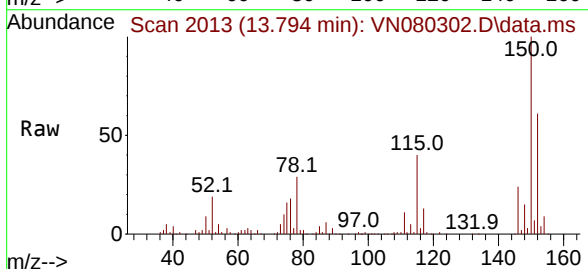
Tgt Ion:173 Resp: 106500
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

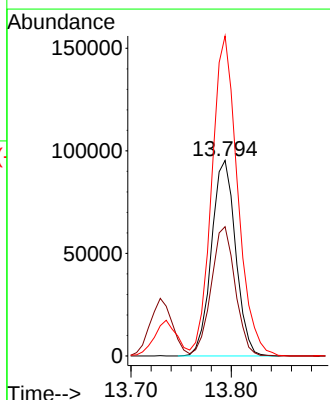
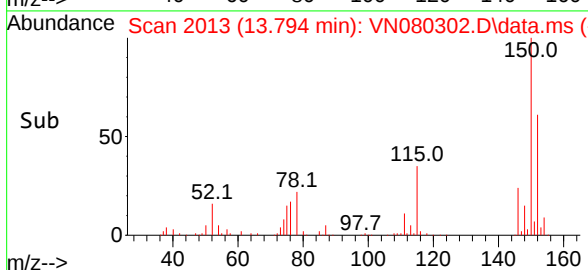
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

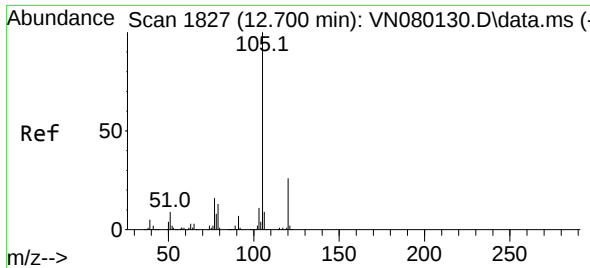


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11



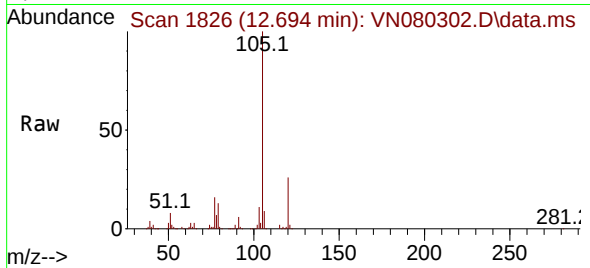
Tgt Ion:152 Resp: 159205
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 175.0 0.0 355.8





#73
Isopropylbenzene
Concen: 49.719 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

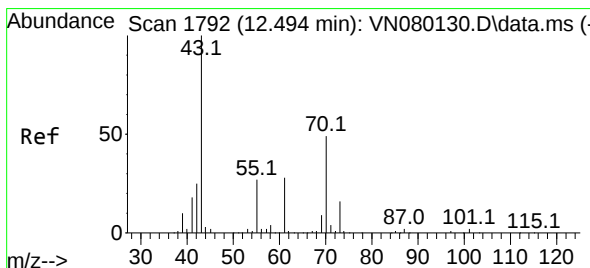
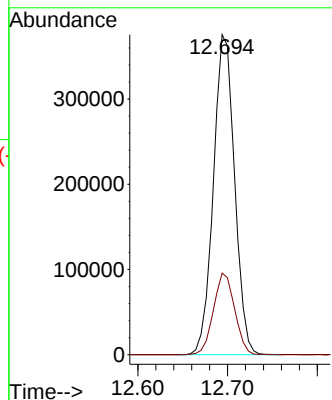
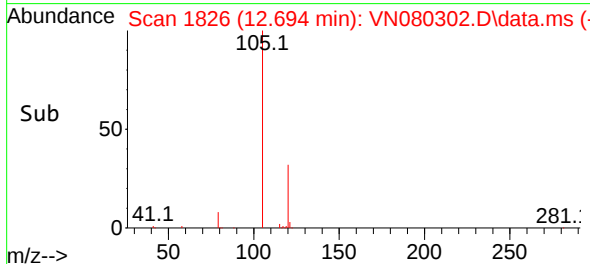
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 615092
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

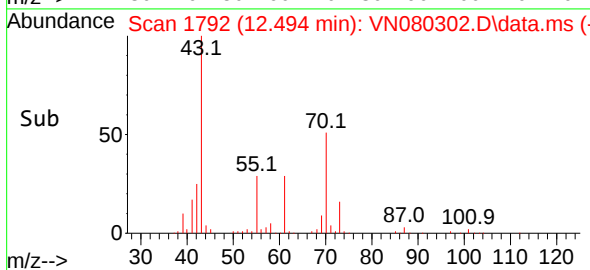
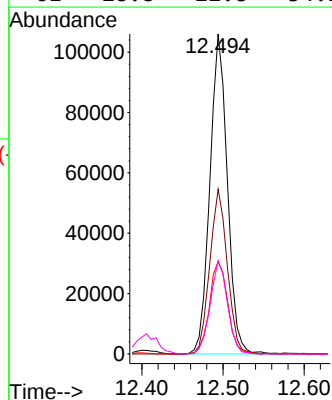
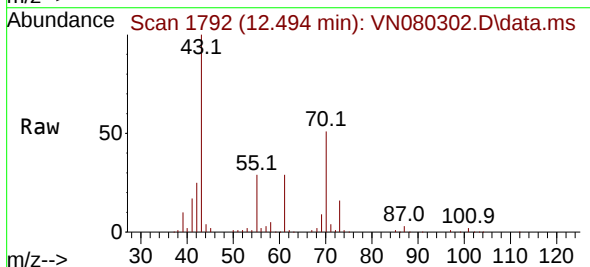
Manual Integrations
APPROVED

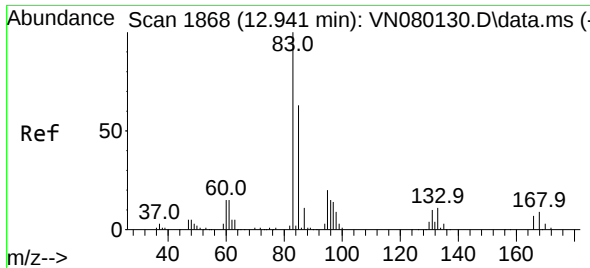
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#74
N-amy1 acetate
Concen: 41.027 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

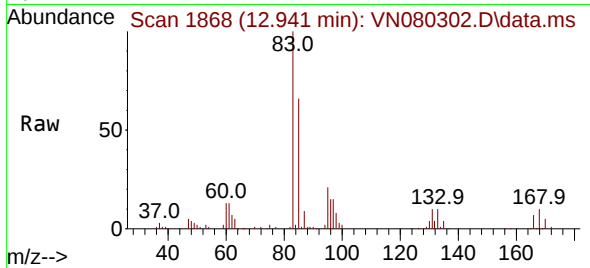
Tgt Ion: 43 Resp: 158280
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 30.3 21.4 32.0
61 28.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.482 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

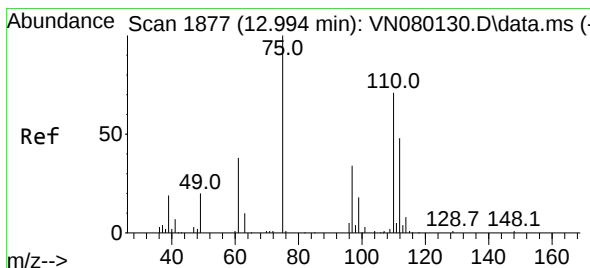
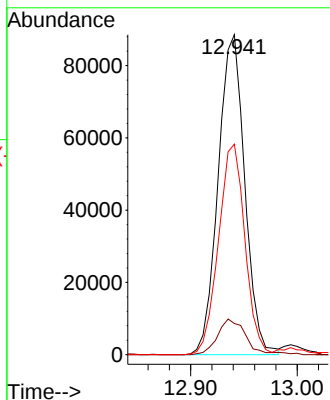
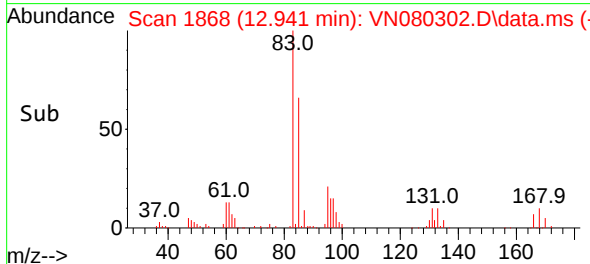
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 153590
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 65.3 31.9 95.7

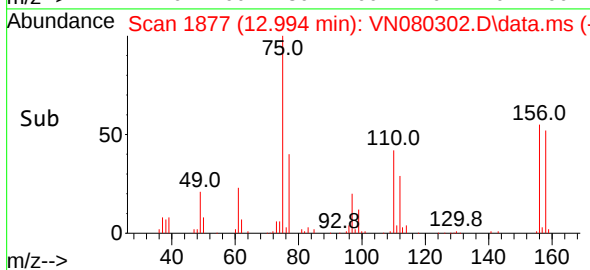
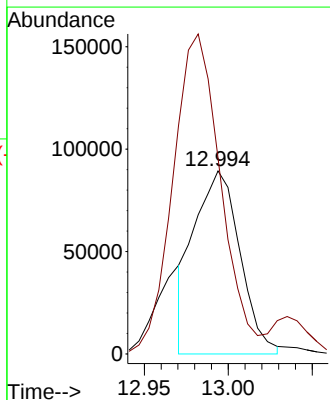
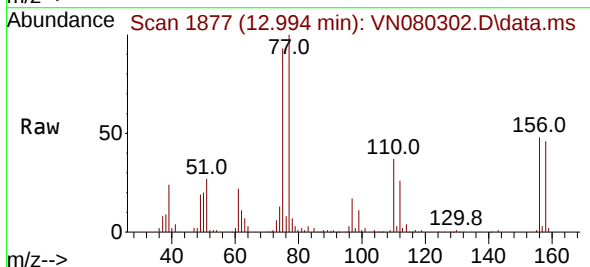
Manual Integrations
APPROVED

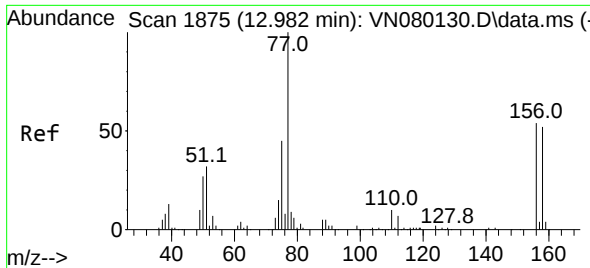
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 43.373 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 75 Resp: 169190
Ion Ratio Lower Upper
75 100
77 182.3 84.5 253.5





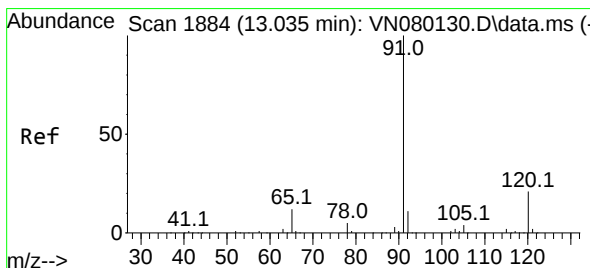
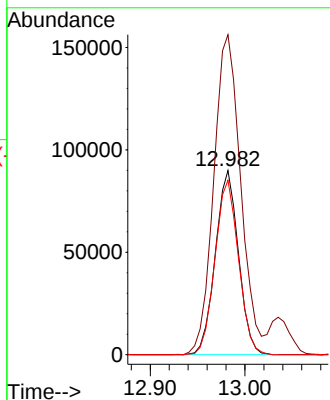
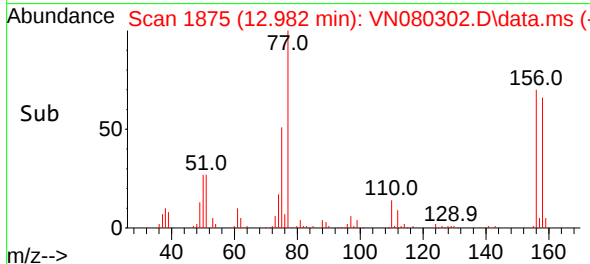
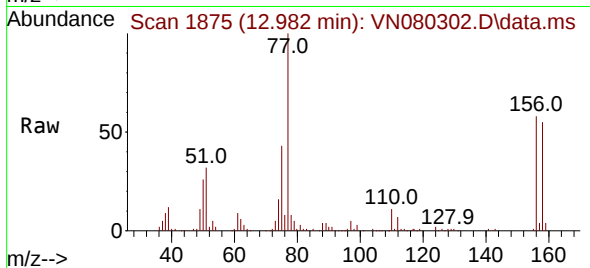
#77
Bromobenzene
Concen: 48.847 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 15235
Ion Ratio Lower Upper
156 100
77 202.4 107.7 323.3
158 96.3 48.4 145.3

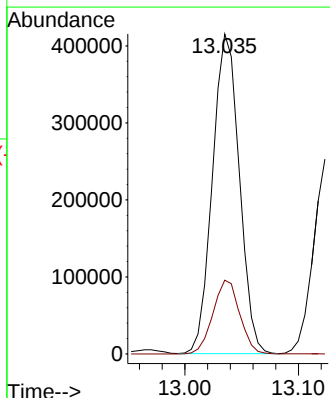
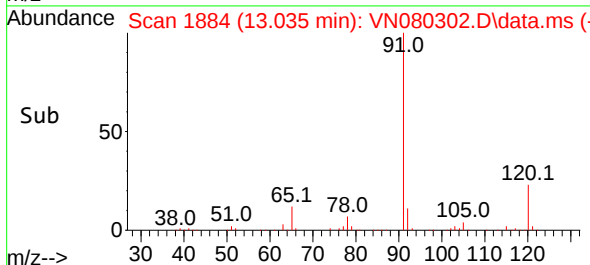
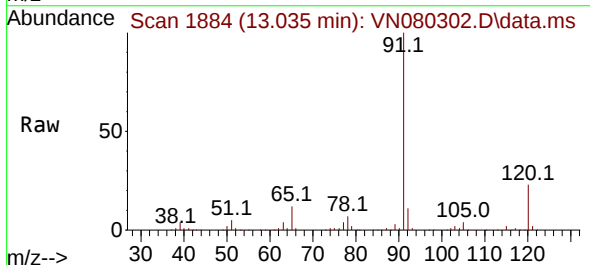
Manual Integrations
APPROVED

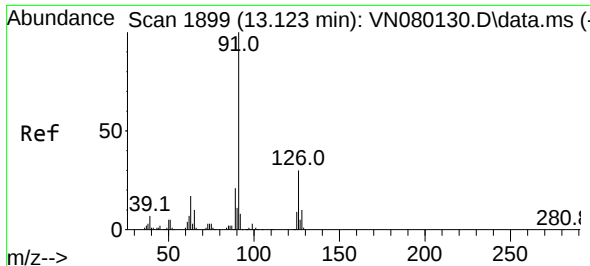
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#78
n-propylbenzene
Concen: 49.259 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

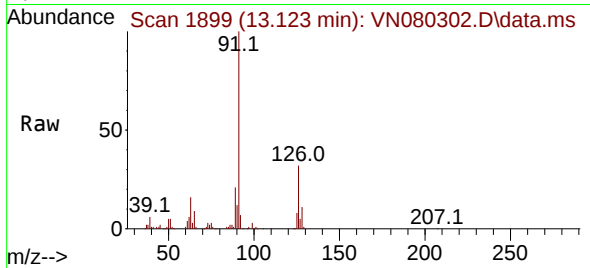
Tgt Ion: 91 Resp: 681454
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.432 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

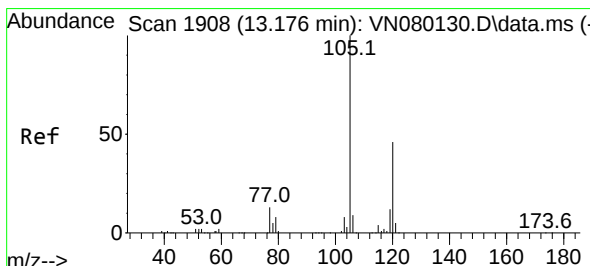
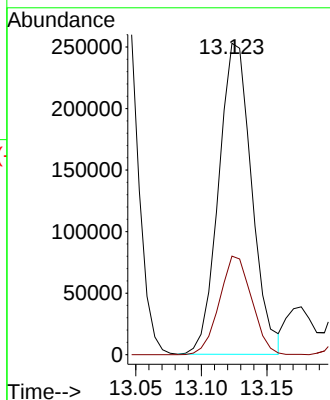
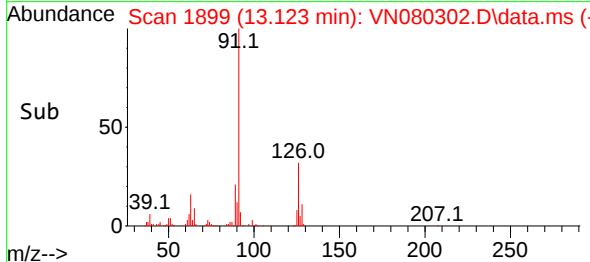
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 444148
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

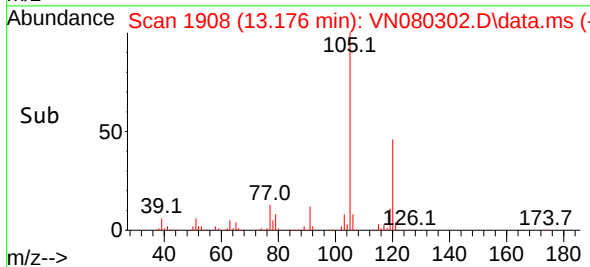
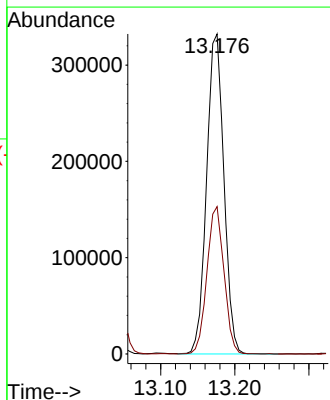
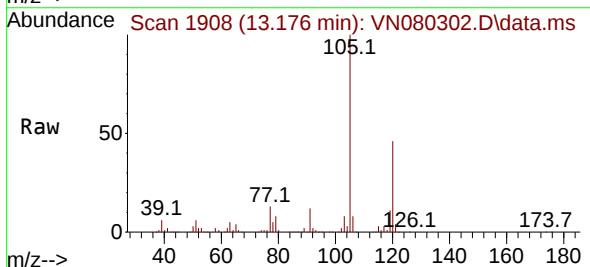
Manual Integrations
APPROVED

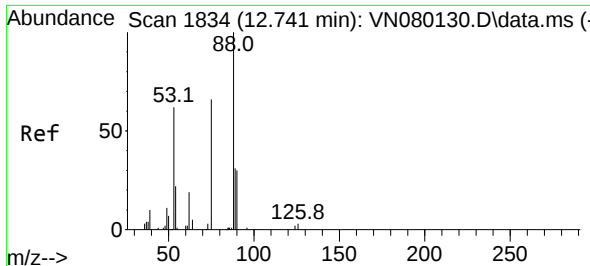
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.977 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

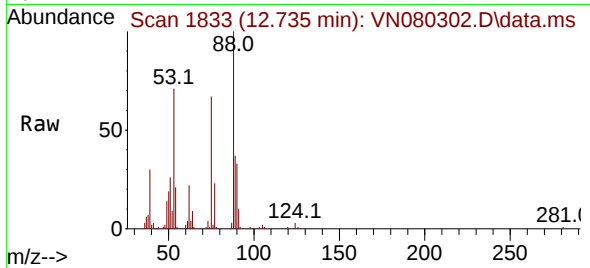
Tgt Ion:105 Resp: 538217
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.616 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

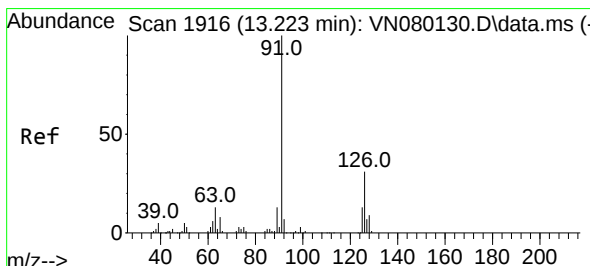
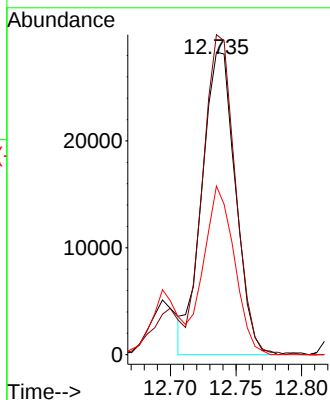
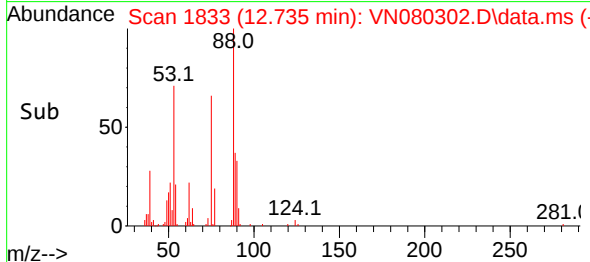
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 50358
Ion Ratio Lower Upper
75 100
53 101.1 67.4 101.2
89 50.9 38.8 58.2

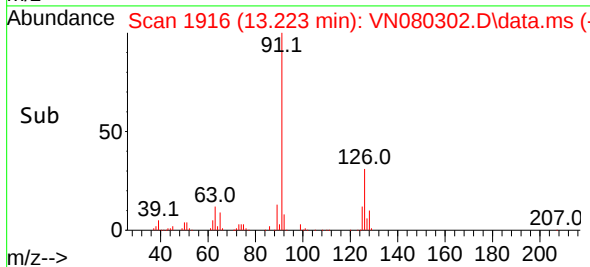
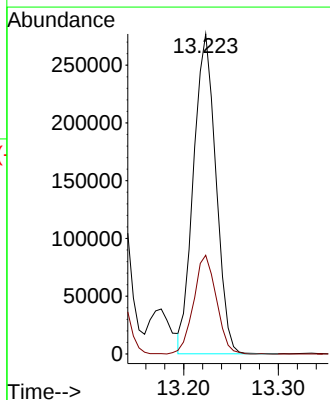
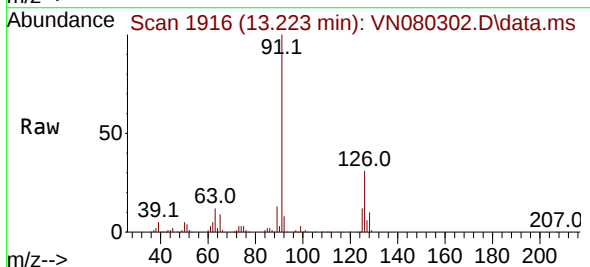
Manual Integrations
APPROVED

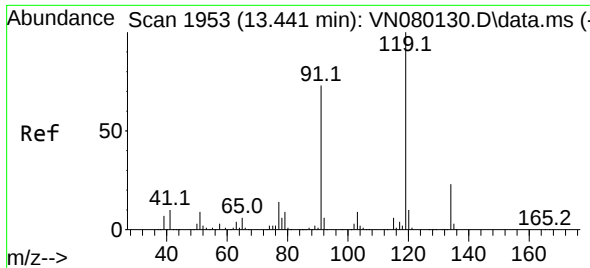
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#82
4-Chlorotoluene
Concen: 49.327 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 91 Resp: 454044
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





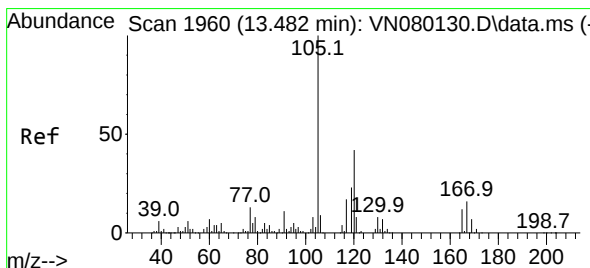
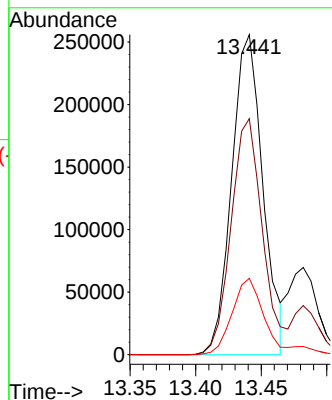
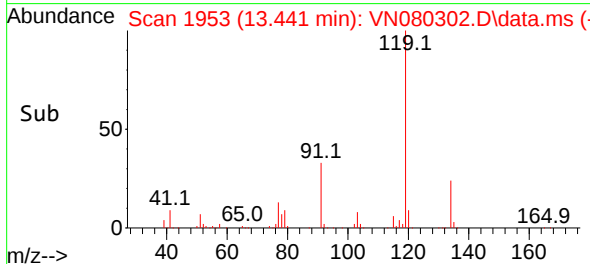
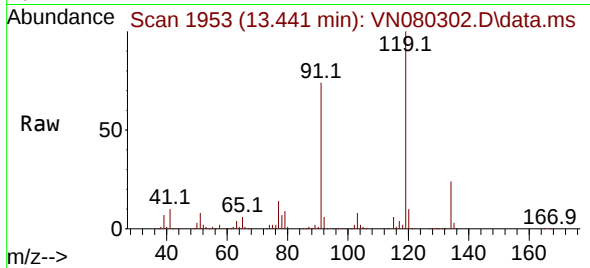
#83
tert-Butylbenzene
Concen: 49.136 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 42434
Ion Ratio Lower Upper
119 100
91 74.8 33.9 101.7
134 23.8 13.2 39.6

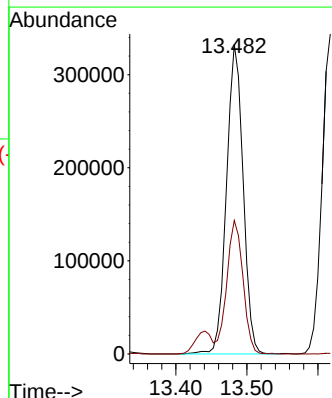
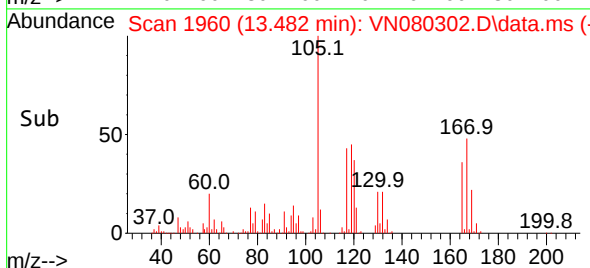
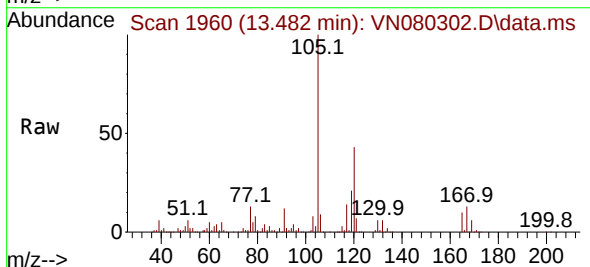
Manual Integrations
APPROVED

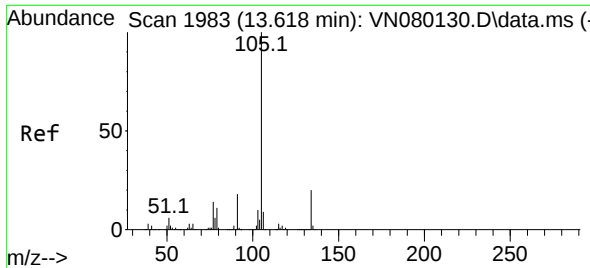
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.890 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

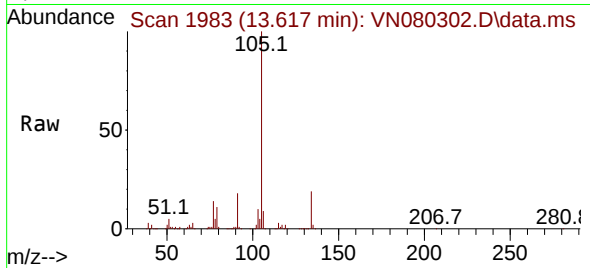
Tgt Ion:105 Resp: 539650
Ion Ratio Lower Upper
105 100
120 42.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.286 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

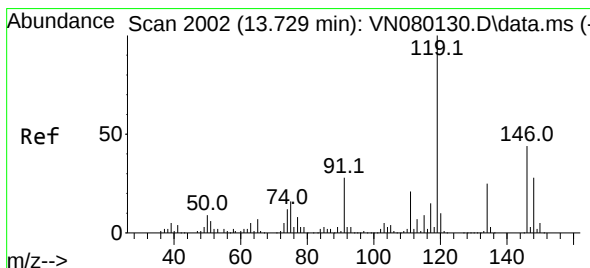
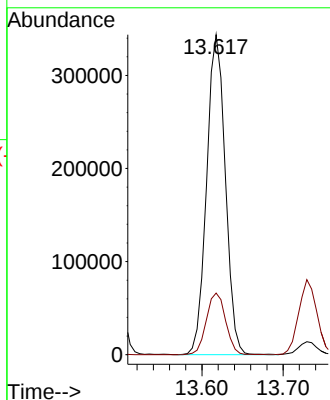
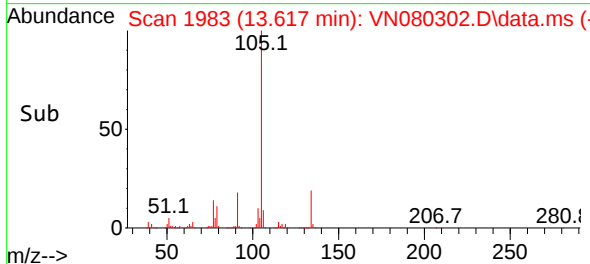
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



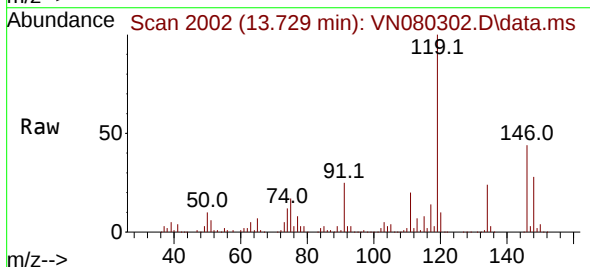
Tgt Ion:105 Resp: 549374
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
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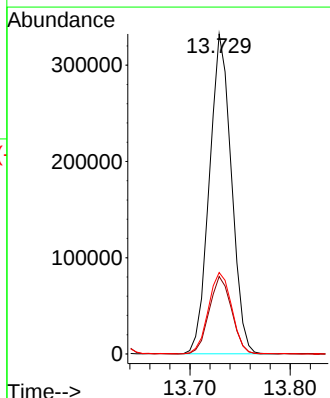
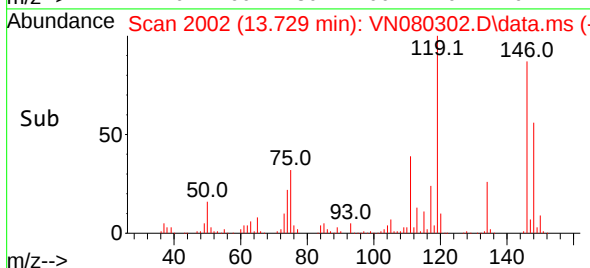
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

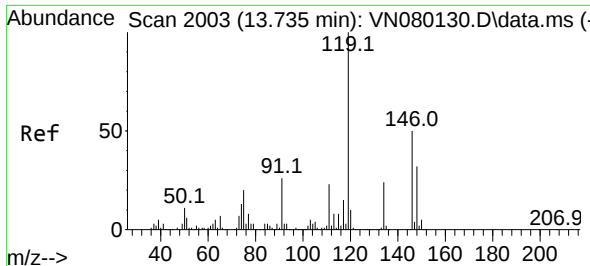


#86
 p-Isopropyltoluene
 Concen: 51.801 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11



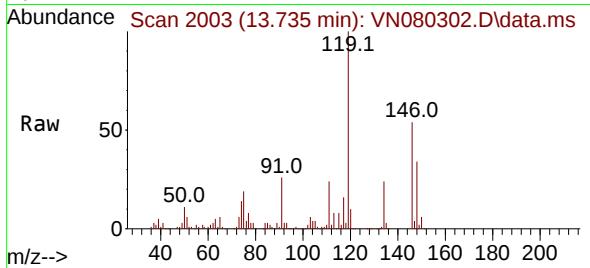
Tgt Ion:119 Resp: 505548
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 46.953 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11

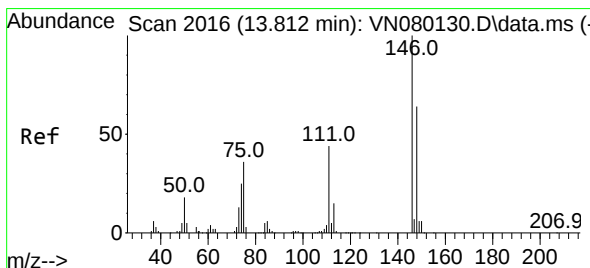
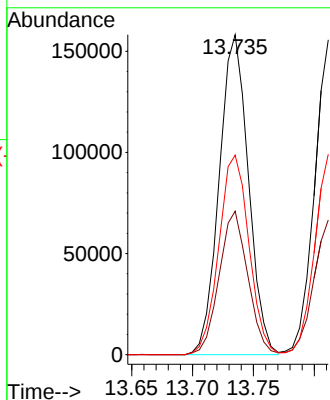
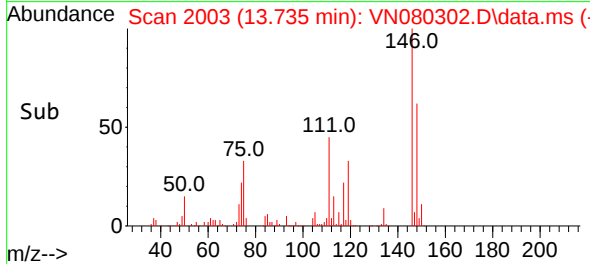
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



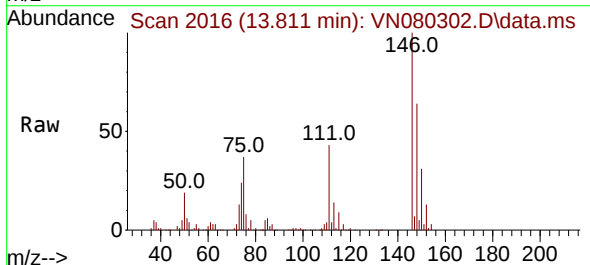
Tgt Ion:146 Resp: 263854
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.3
 148 64.4 32.0 96.0

Manual Integrations
 APPROVED

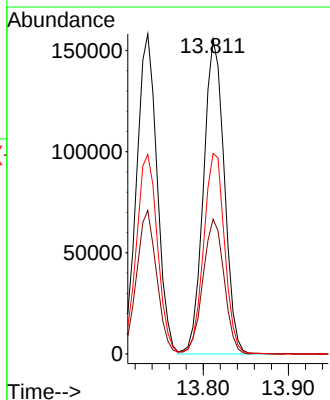
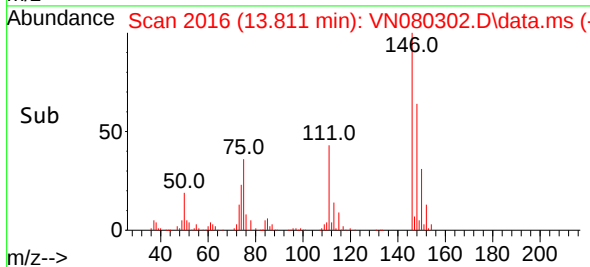
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

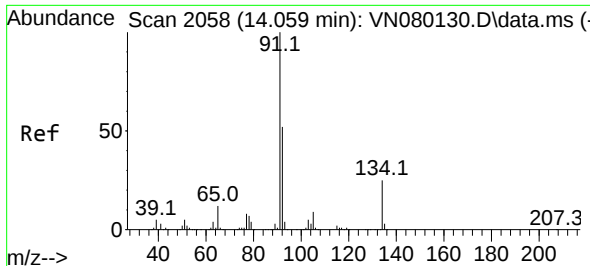


#88
 1,4-Dichlorobenzene
 Concen: 46.731 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080302.D
 Acq: 29 Nov 2023 11:11



Tgt Ion:146 Resp: 263910
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.6 61.8
 148 64.2 31.6 94.8





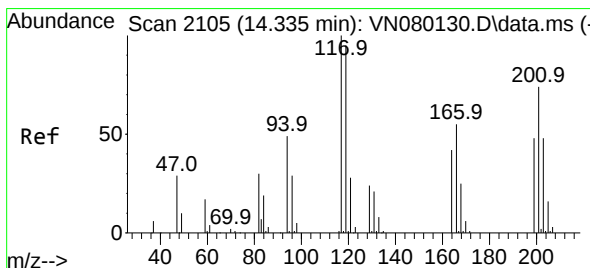
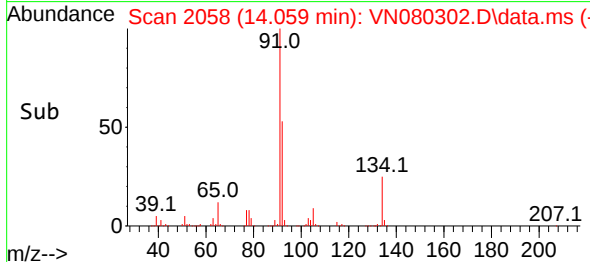
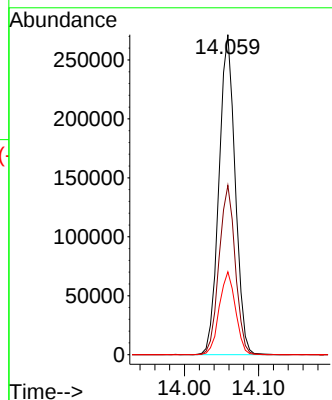
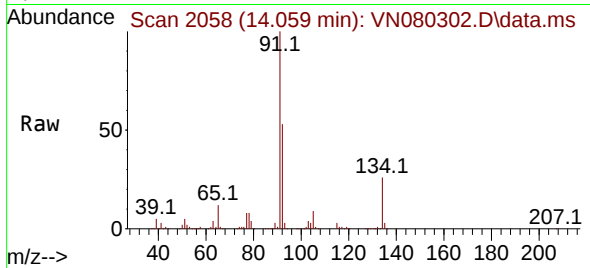
#89
n-Butylbenzene
Concen: 50.518 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 412650
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.8 12.6 37.6

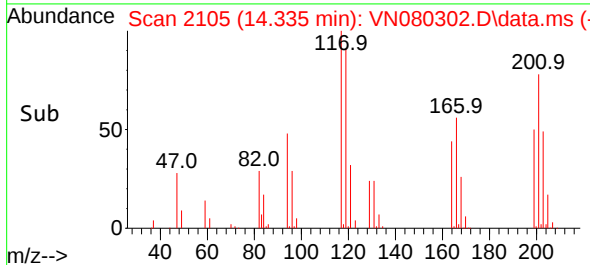
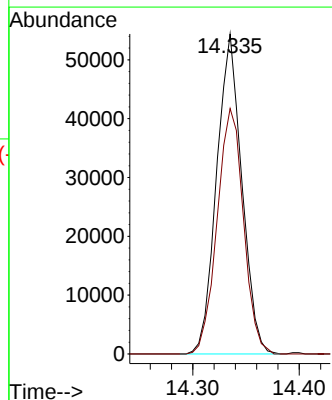
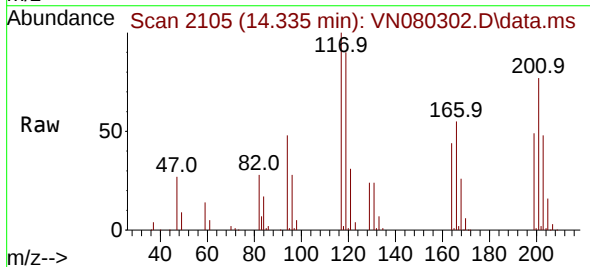
Manual Integrations
APPROVED

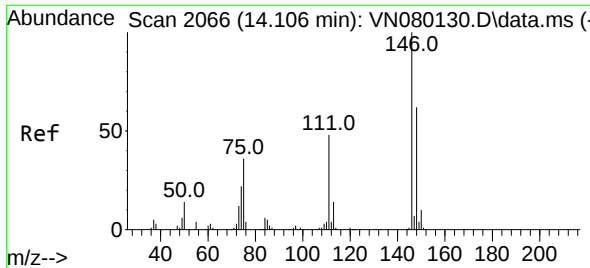
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#90
Hexachloroethane
Concen: 46.942 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion:117 Resp: 89311
Ion Ratio Lower Upper
117 100
201 80.1 29.3 88.0





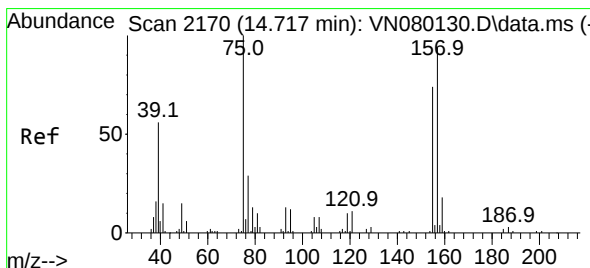
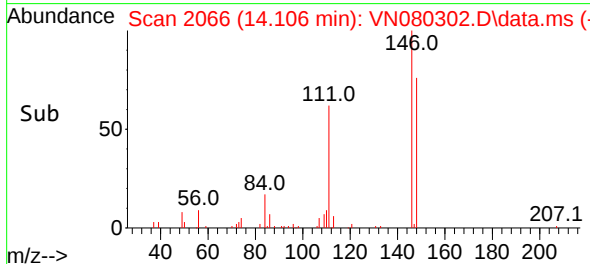
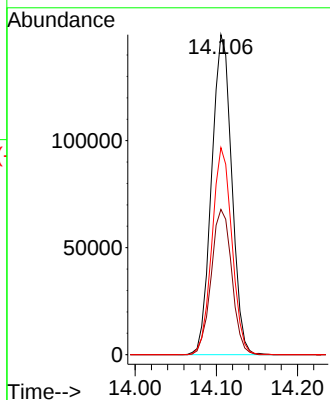
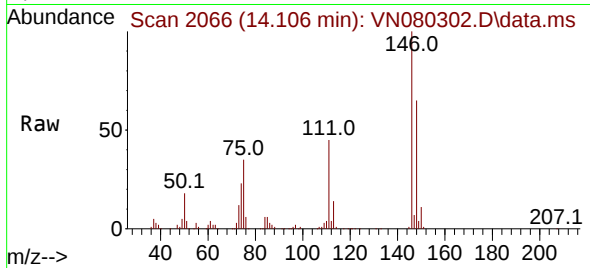
#91
1,2-Dichlorobenzene
Concen: 47.837 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 257240
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 64.2 31.8 95.3

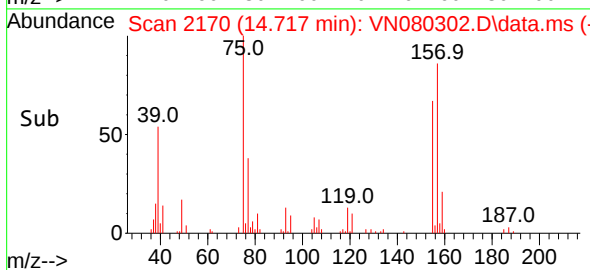
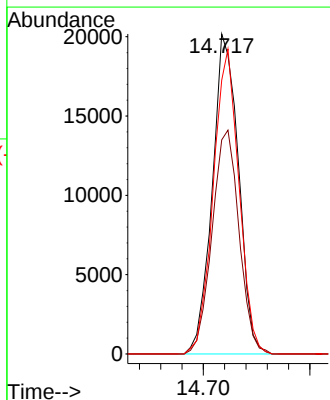
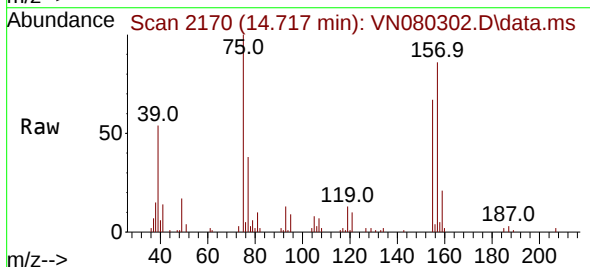
Manual Integrations
APPROVED

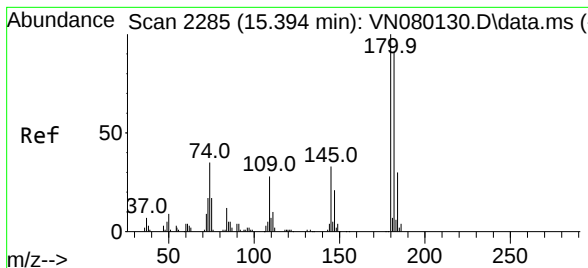
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.955 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080302.D
Acq: 29 Nov 2023 11:11

Tgt Ion: 75 Resp: 34363
Ion Ratio Lower Upper
75 100
155 72.2 39.1 117.2
157 93.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.293 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 14166

Ion Ratio Lower Upper

180 100

182 96.7 46.1 138.2

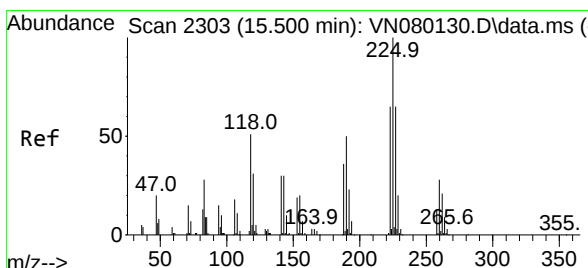
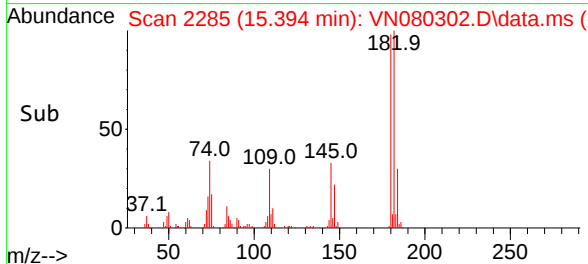
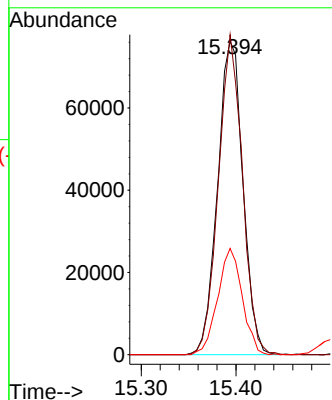
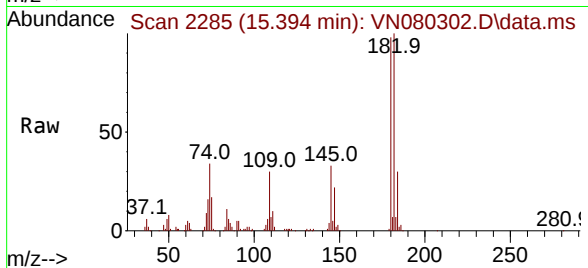
145 32.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#94

Hexachlorobutadiene

Concen: 45.854 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

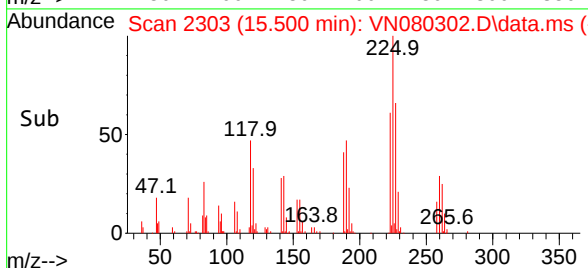
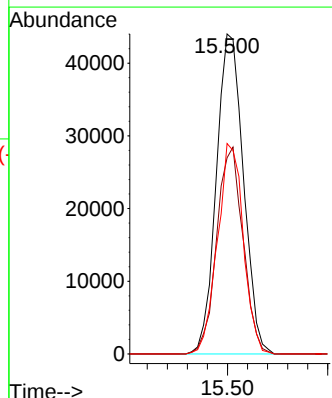
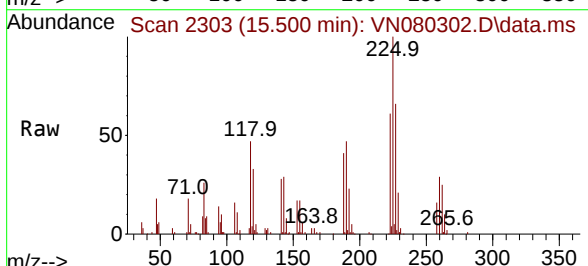
Tgt Ion:225 Resp: 82532

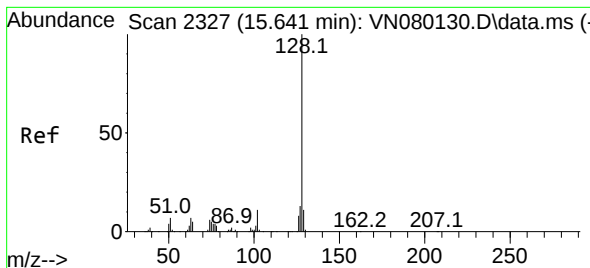
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 39.416 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

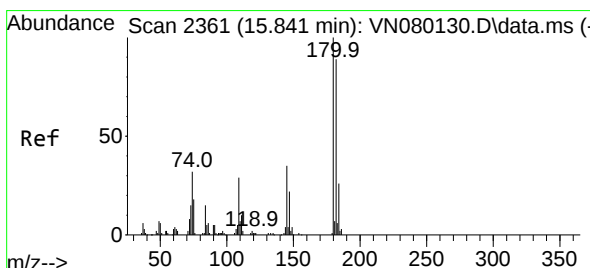
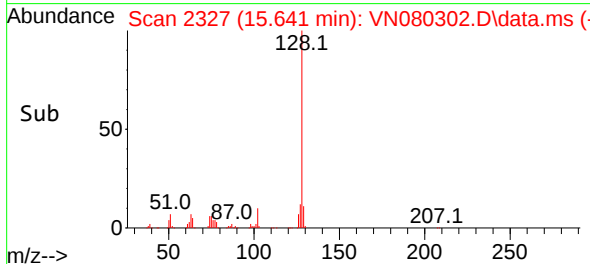
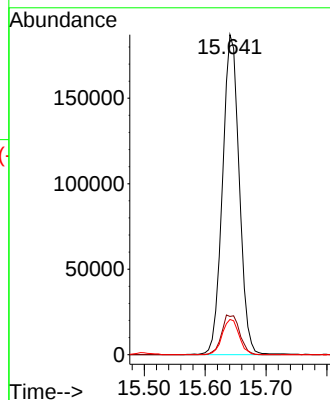
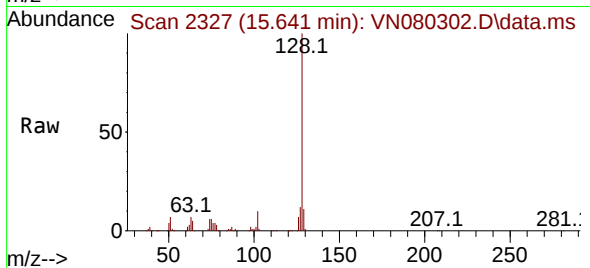
Tgt Ion:128 Resp: 357484
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.0 15.0
 129 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.151 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080302.D

Acq: 29 Nov 2023 11:11

Tgt Ion:180 Resp: 132365
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.2 138.6
 145 36.1 17.5 52.6

