

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080306.D
 Acq On : 29 Nov 2023 13:09
 Operator : JC\MD
 Sample : VN1129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 04:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	320612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179328	48.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	8.165	113	130317	50.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.100%		
50) Toluene-d8	10.565	98	463777	49.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.847	95	170415	48.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58040	17.405	ug/l	97
3) Chloromethane	2.365	50	43079	17.183	ug/l	96
4) Vinyl Chloride	2.518	62	46524	17.535	ug/l	97
5) Bromomethane	2.959	94	33501	18.600	ug/l	97
6) Chloroethane	3.124	64	32231	18.548	ug/l	96
7) Trichlorofluoromethane	3.500	101	102014	18.432	ug/l	96
8) Diethyl Ether	3.965	74	30640	19.035	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	46260	18.286	ug/l	93
10) Methyl Iodide	4.600	142	48966	17.910	ug/l	92
11) Tert butyl alcohol	5.506	59	33017	81.224	ug/l	99
12) 1,1-Dichloroethene	4.341	96	41854	17.689	ug/l	82
13) Acrolein	4.177	56	33454	92.995	ug/l	100
14) Allyl chloride	5.024	41	55648	18.693	ug/l	96
15) Acrylonitrile	5.718	53	101641	93.142	ug/l	98
16) Acetone	4.424	43	95564	76.972	ug/l	92
17) Carbon Disulfide	4.718	76	109709	15.528	ug/l	99
18) Methyl Acetate	5.024	43	71851	18.012	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	161855	19.370	ug/l	96
20) Methylene Chloride	5.277	84	52007	20.003	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	47500	18.273	ug/l #	82
22) Diisopropyl ether	6.677	45	130682	19.841	ug/l	95
23) Vinyl Acetate	6.600	43	343561	86.766	ug/l	95
24) 1,1-Dichloroethane	6.571	63	88336	18.415	ug/l	99
25) 2-Butanone	7.482	43	113407	76.881	ug/l	88
26) 2,2-Dichloropropane	7.488	77	85204	17.903	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	55425	18.807	ug/l	85
28) Bromochloromethane	7.812	49	39671	21.036	ug/l	98
29) Tetrahydrofuran	7.841	42	70415	88.914	ug/l	94
30) Chloroform	7.965	83	106282	19.822	ug/l	96
31) Cyclohexane	8.259	56	67570	16.809	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	100057	19.136	ug/l	97
36) 1,1-Dichloropropene	8.371	75	72695	19.284	ug/l	93
37) Ethyl Acetate	7.559	43	44464	17.005	ug/l	97
38) Carbon Tetrachloride	8.359	117	90964	19.015	ug/l	96
39) Methylcyclohexane	9.606	83	60496	16.644	ug/l	92
40) Benzene	8.606	78	207357	19.354	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27445	19.113	ug/l	92
42) 1,2-Dichloroethane	8.671	62	87527	19.968	ug/l	97
43) Isopropyl Acetate	8.688	43	81003	15.919	ug/l	96
44) Trichloroethene	9.353	130	55309	19.680	ug/l	98
45) 1,2-Dichloropropane	9.623	63	49292	19.797	ug/l	98
46) Dibromomethane	9.712	93	36484	19.358	ug/l #	87
47) Bromodichloromethane	9.888	83	85226	20.557	ug/l	99
48) Methyl methacrylate	9.682	41	47482	18.108	ug/l	93
49) 1,4-Dioxane	9.700	88	14633	335.437	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	239148	90.781	ug/l	98
52) Toluene	10.635	92	131704	19.643	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82589	19.389	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	85164	19.570	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	51977	20.311	ug/l	89
56) Ethyl methacrylate	10.876	69	50532	19.329	ug/l	90
57) 1,3-Dichloropropane	11.165	76	87438	19.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	130411	88.544	ug/l	100
59) 2-Hexanone	11.194	43	174192	82.288	ug/l	96
60) Dibromochloromethane	11.359	129	62304	20.336	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51483	19.720	ug/l	98
64) Tetrachloroethene	11.106	164	56204	22.970	ug/l	98
65) Chlorobenzene	11.894	112	139743	19.235	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	58249	20.661	ug/l	93
67) Ethyl Benzene	11.964	91	242825	18.784	ug/l	95
68) m/p-Xylenes	12.070	106	183457	38.922	ug/l	91
69) o-Xylene	12.400	106	89858	20.229	ug/l	95
70) Styrene	12.412	104	131182	19.842	ug/l	93
71) Bromoform	12.576	173	41090	19.654	ug/l #	97
73) Isopropylbenzene	12.694	105	226070	19.025	ug/l	99
74) N-amyl acetate	12.494	43	60048	16.205	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	64269	18.071	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	62006m	16.549	ug/l	
77) Bromobenzene	12.982	156	57507	19.195	ug/l	95
78) n-propylbenzene	13.035	91	247323	18.613	ug/l	100
79) 2-Chlorotoluene	13.123	91	166824	19.330	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	198473	19.188	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19094	17.218	ug/l	87
82) 4-Chlorotoluene	13.223	91	169757	19.201	ug/l	95
83) tert-Butylbenzene	13.441	119	153043	18.450	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	197793	19.419	ug/l	96
85) sec-Butylbenzene	13.617	105	197139	18.787	ug/l	98
86) p-Isopropyltoluene	13.729	119	184018	19.631	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	102676	19.023	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	98751	18.205	ug/l	95
89) n-Butylbenzene	14.058	91	144045	18.359	ug/l	99
90) Hexachloroethane	14.335	117	32470	17.768	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	96849	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14257	17.259	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	50772	16.901	ug/l	99
94) Hexachlorobutadiene	15.500	225	29789	17.231	ug/l	98
95) Naphthalene	15.641	128	126222	14.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45653	16.213	ug/l	92

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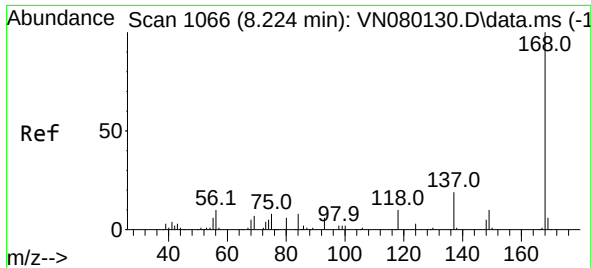
Manual Integrations
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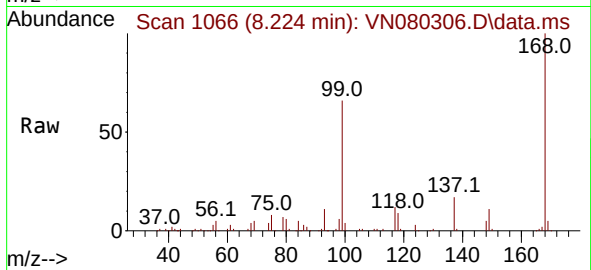
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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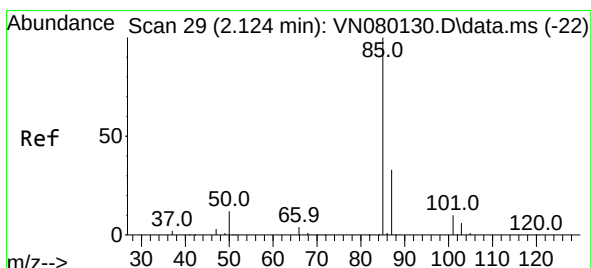
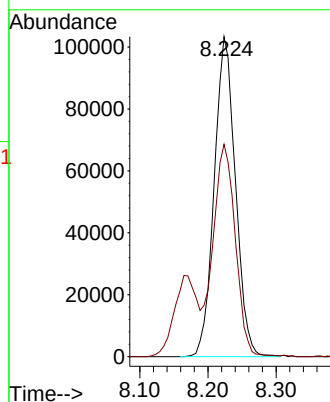
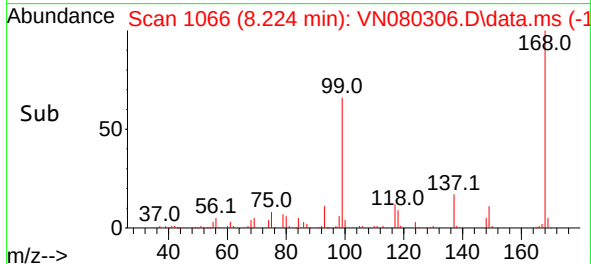
Instrument :
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Tgt Ion:168 Resp: 223869
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

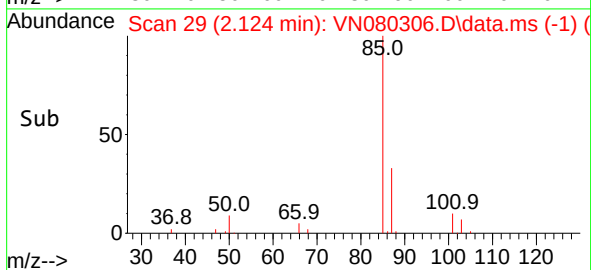
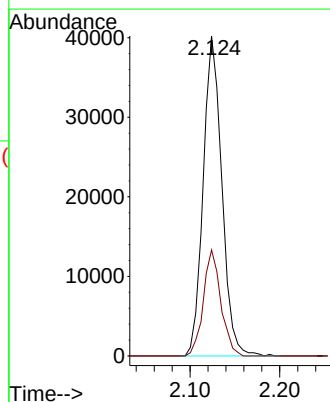
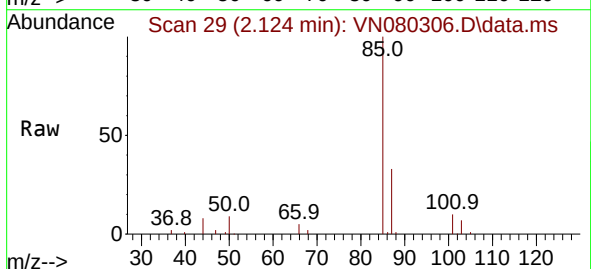
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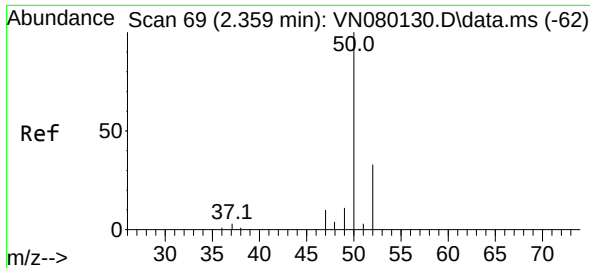
Reviewed By :John Carlone 11/30/2023
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#2
Dichlorodifluoromethane
Concen: 17.405 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 85 Resp: 58040
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





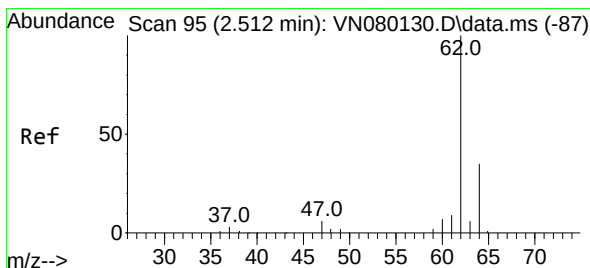
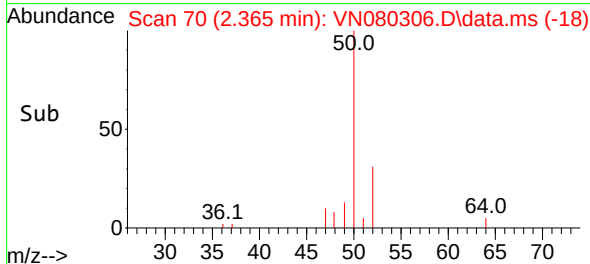
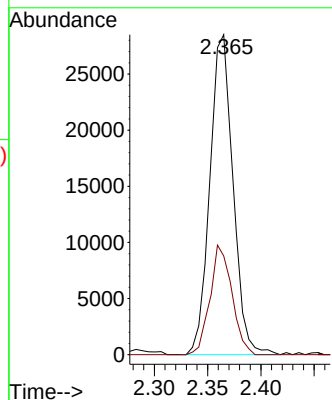
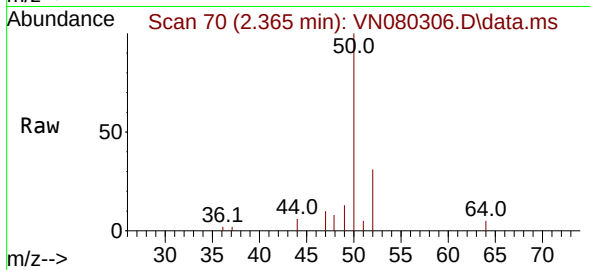
#3
Chloromethane
Concen: 17.183 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

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Tgt Ion: 50 Resp: 43079
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7

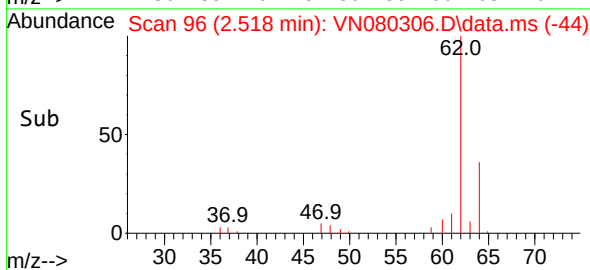
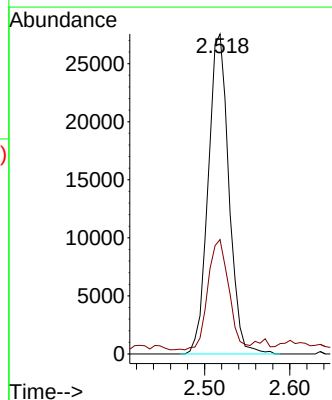
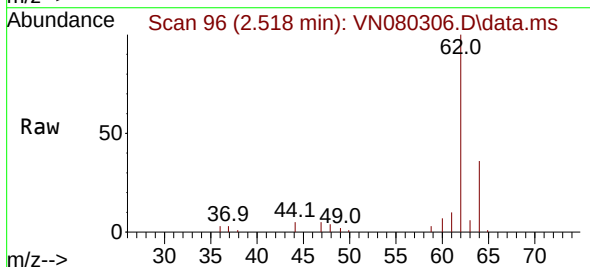
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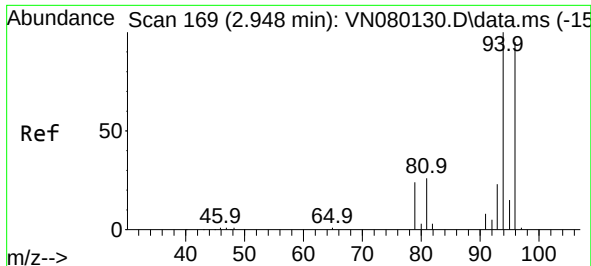
Reviewed By :John Carlone 11/30/2023
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#4
Vinyl Chloride
Concen: 17.535 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 62 Resp: 46524
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.2





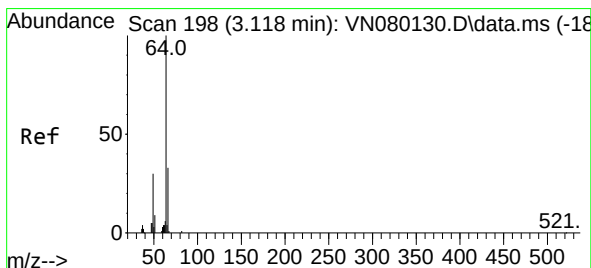
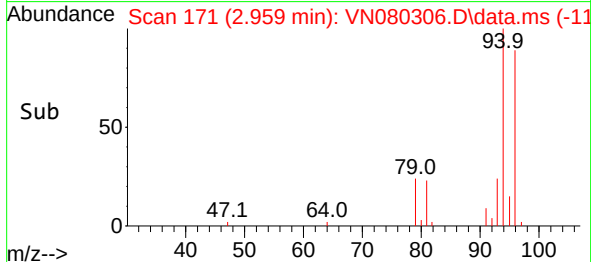
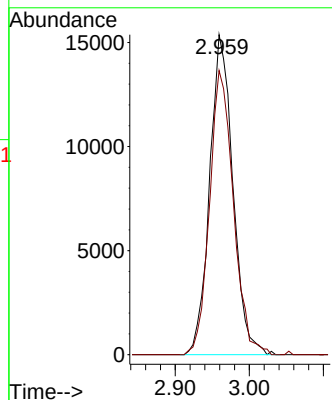
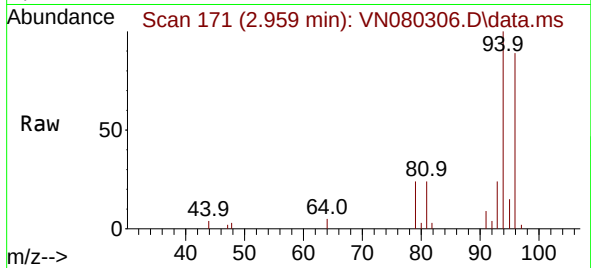
#5
Bromomethane
Concen: 18.600 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080306.D
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Instrument :
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Tgt Ion: 94 Resp: 3350
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7

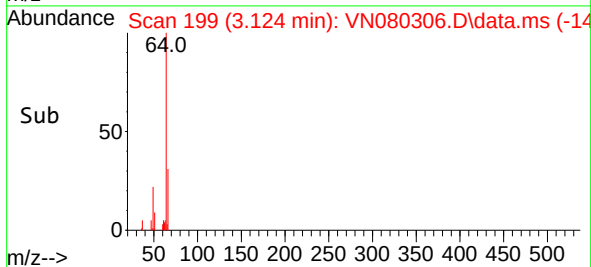
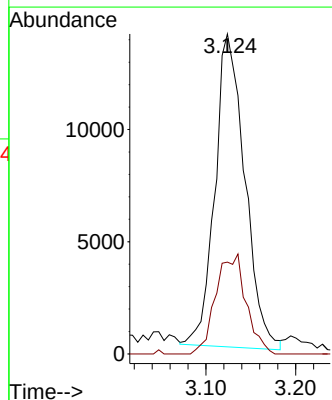
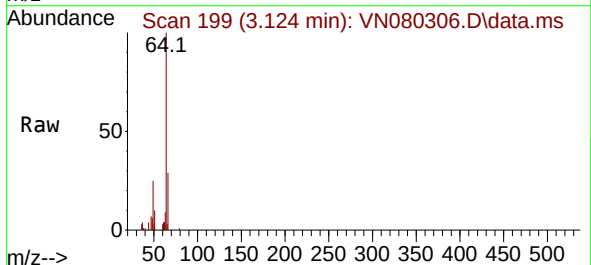
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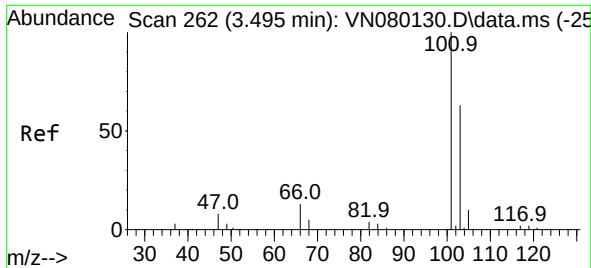
Reviewed By :John Carlone 11/30/2023
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#6
Chloroethane
Concen: 18.548 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 64 Resp: 32231
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2





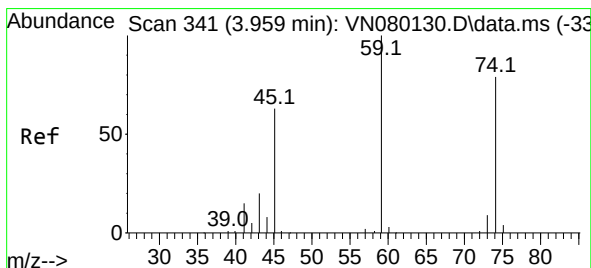
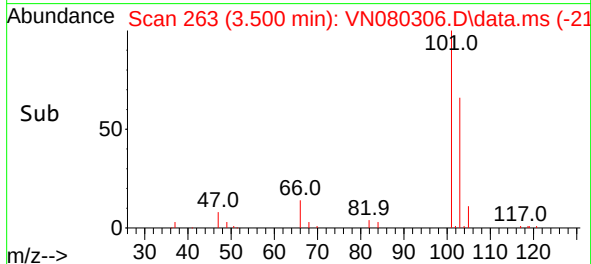
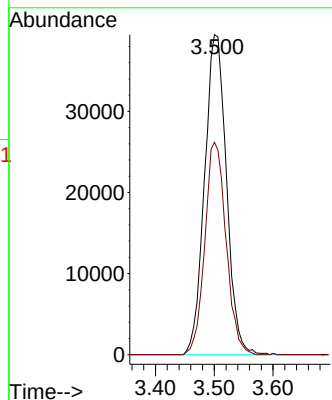
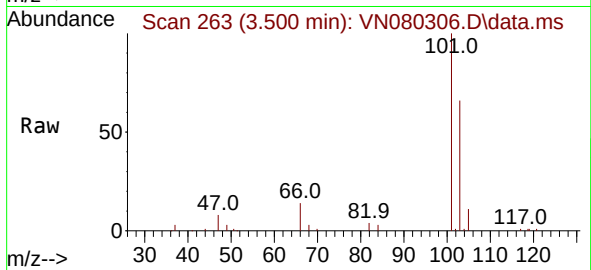
#7
 Trichlorofluoromethane
 Concen: 18.432 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

Instrument :
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Tgt Ion:101 Resp: 102014
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1

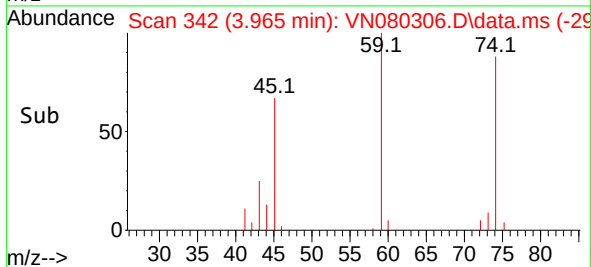
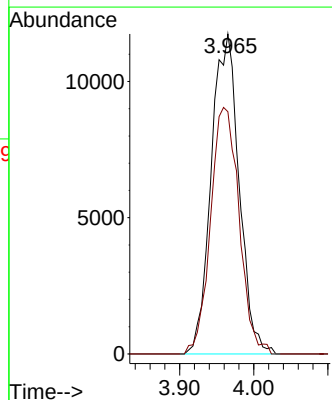
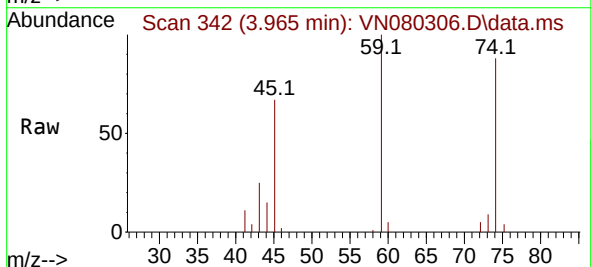
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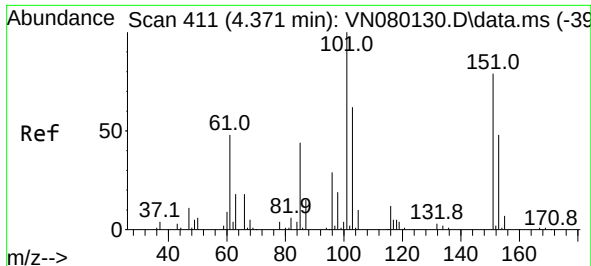
Reviewed By :John Carlone 11/30/2023
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#8
 Diethyl Ether
 Concen: 19.035 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080306.D
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Tgt Ion: 74 Resp: 30640
 Ion Ratio Lower Upper
 74 100
 45 78.9 34.4 103.3





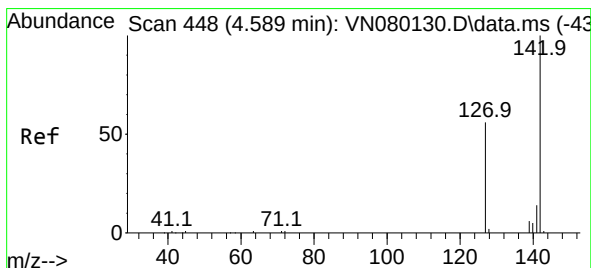
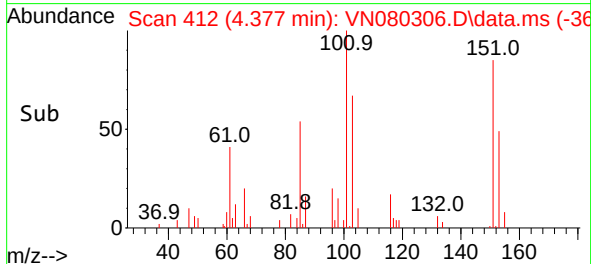
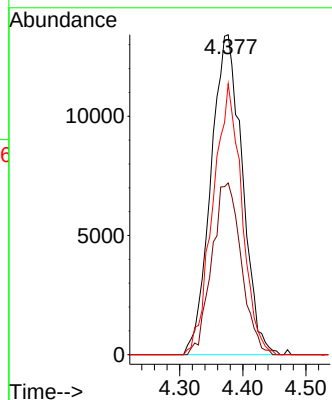
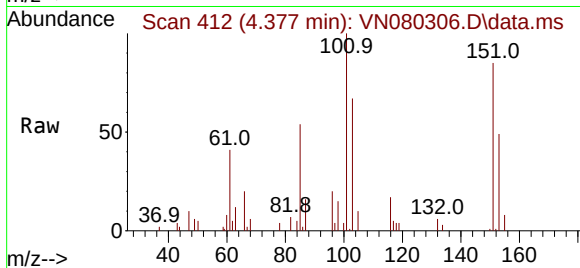
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.286 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080306.D
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VN1129WBSD01

Tgt Ion:101 Resp: 46260
Ion Ratio Lower Upper
101 100
85 50.5 36.6 55.0
151 77.9 57.6 86.4

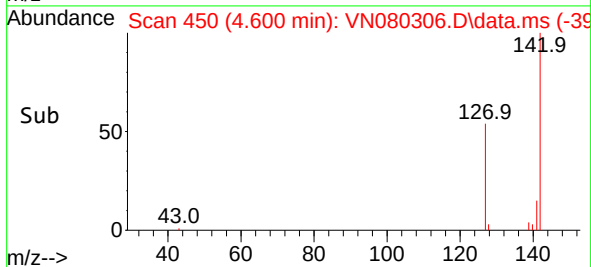
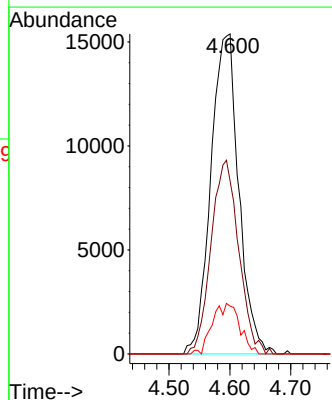
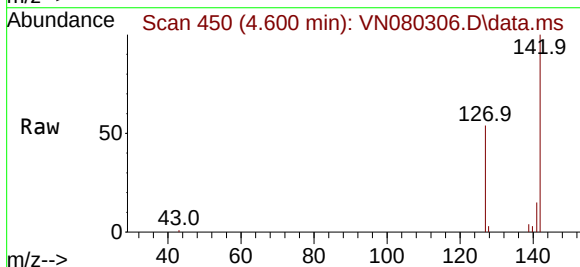
Manual Integrations
APPROVED

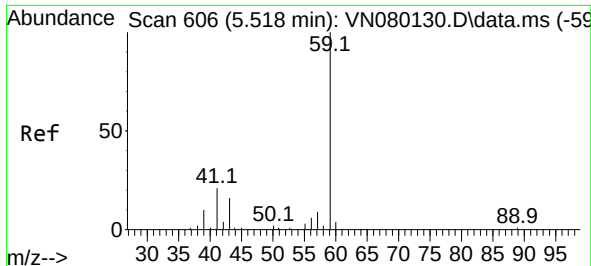
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 17.910 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:142 Resp: 48966
Ion Ratio Lower Upper
142 100
127 54.0 37.6 56.4
141 14.9 11.4 17.0





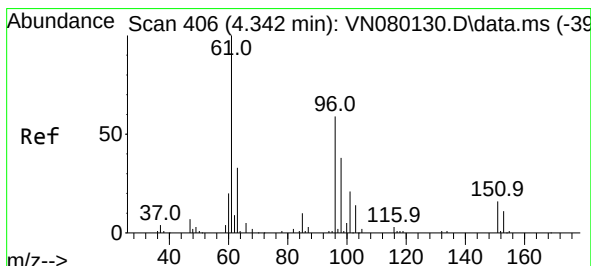
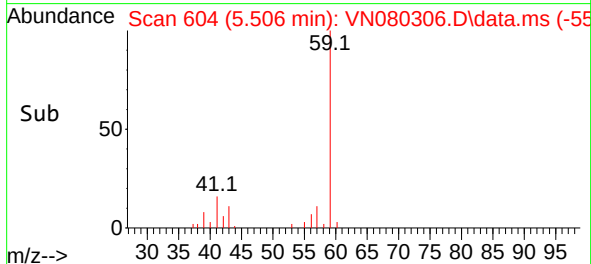
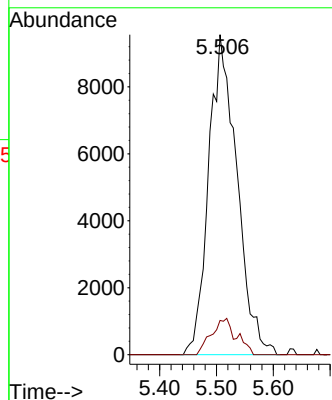
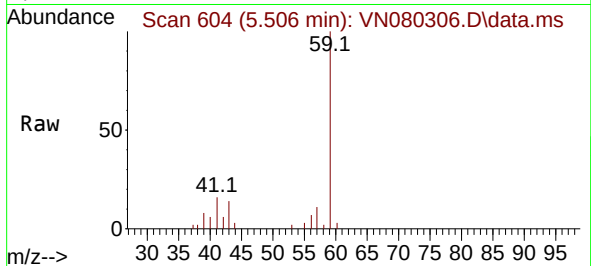
#11
Tert butyl alcohol
Concen: 81.224 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 59 Resp: 3301
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

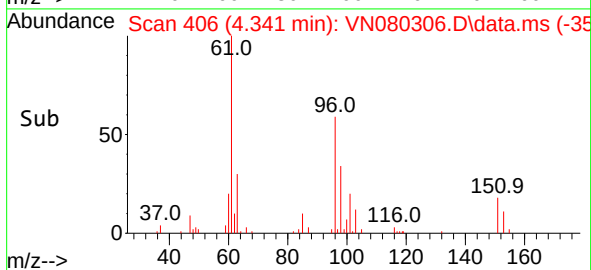
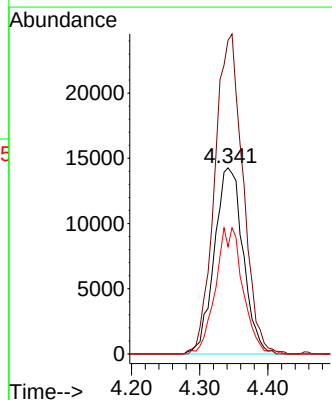
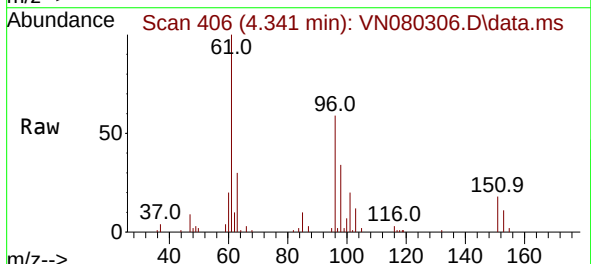
Manual Integrations
APPROVED

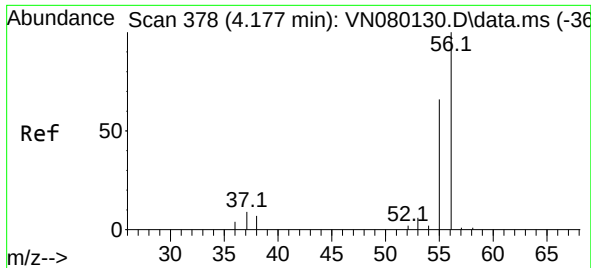
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 17.689 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

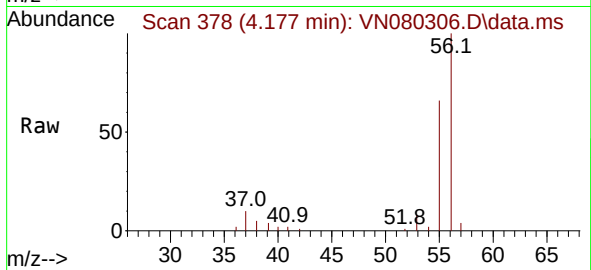
Tgt Ion: 96 Resp: 41854
Ion Ratio Lower Upper
96 100
61 168.6 112.7 169.1
98 57.6 51.2 76.8





#13
Acrolein
Concen: 92.995 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

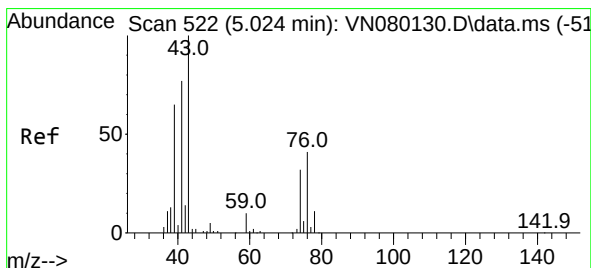
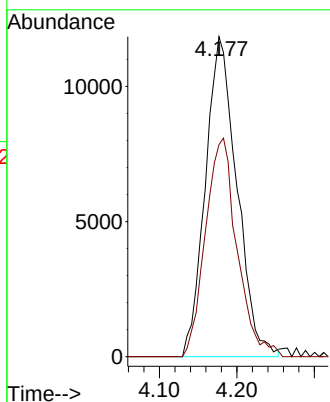
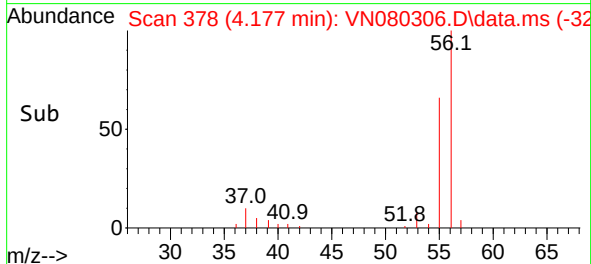
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



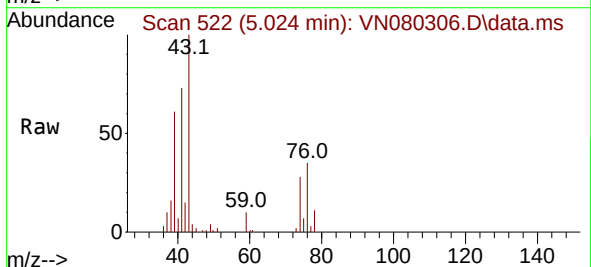
Tgt Ion: 56 Resp: 33454
Ion Ratio Lower Upper
56 100
55 68.4 54.5 81.7

Manual Integrations
APPROVED

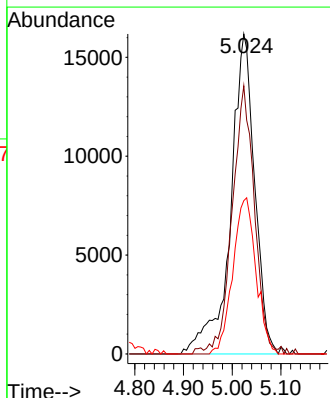
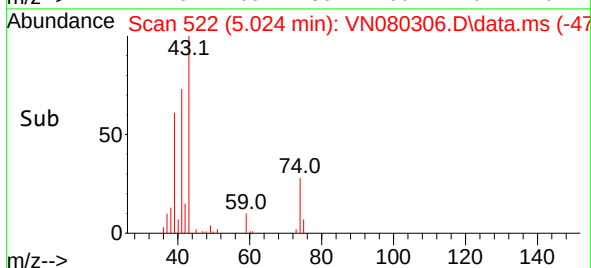
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

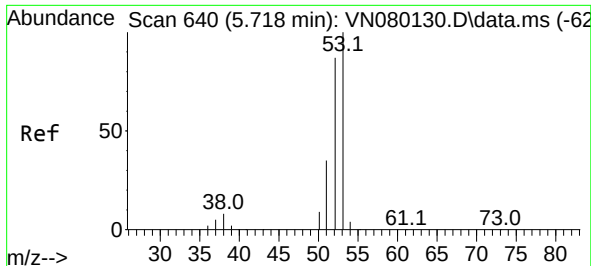


#14
Allyl chloride
Concen: 18.693 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



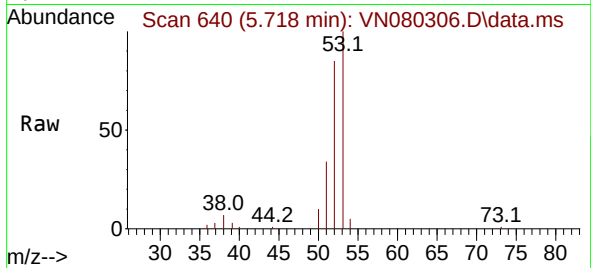
Tgt Ion: 41 Resp: 55648
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 93.142 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

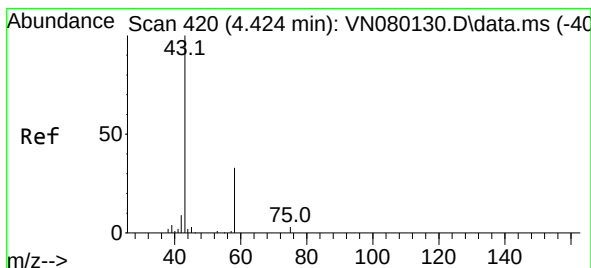
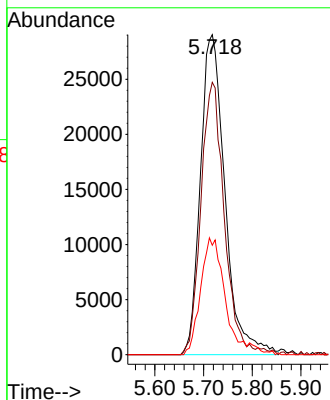
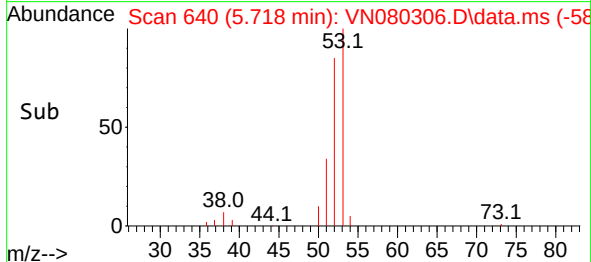
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 53 Resp: 10164
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 37.1 28.9 43.3

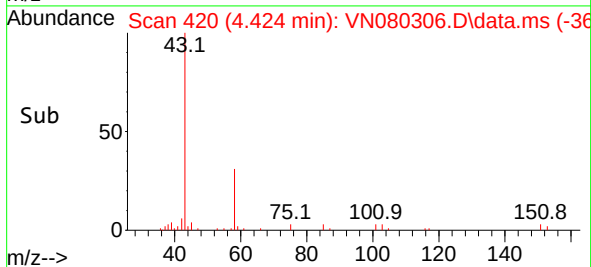
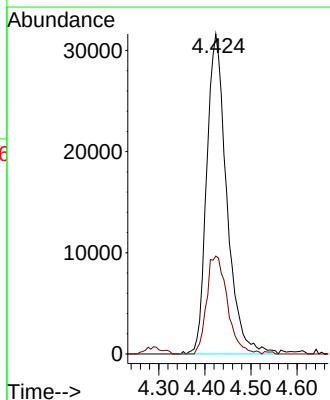
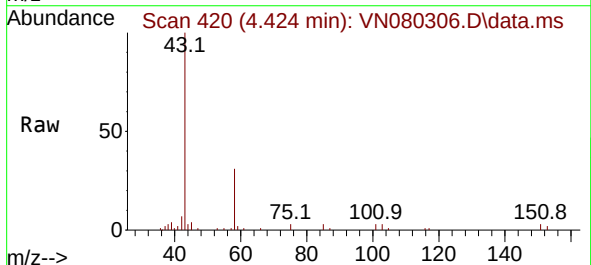
Manual Integrations
APPROVED

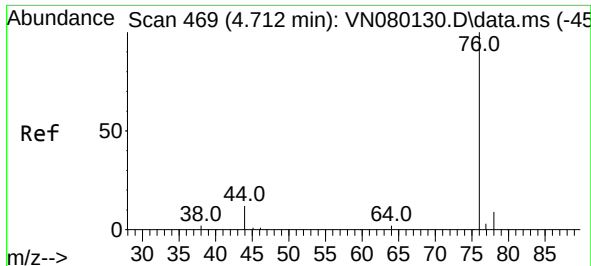
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 76.972 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 43 Resp: 95564
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





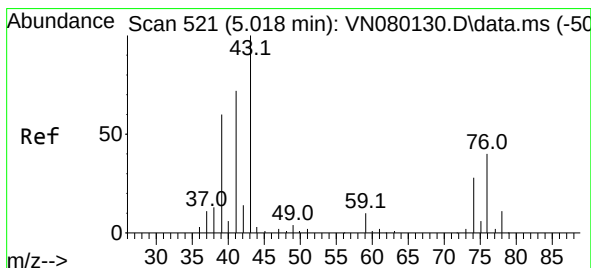
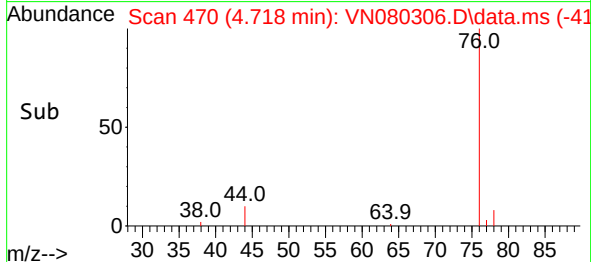
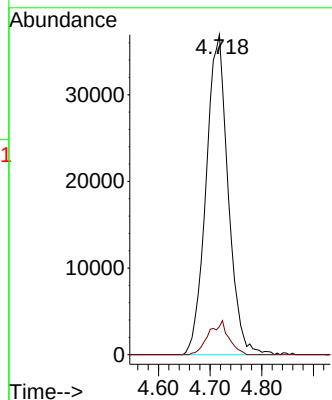
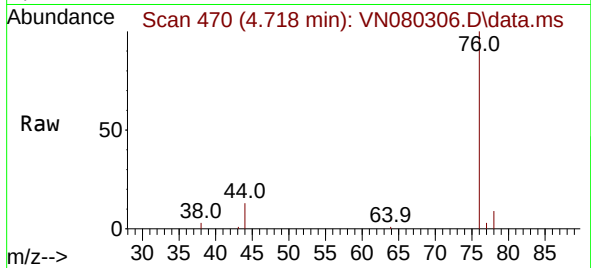
#17
Carbon Disulfide
Concen: 15.528 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 76 Resp: 109709
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

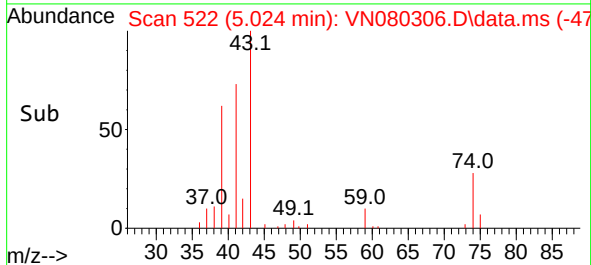
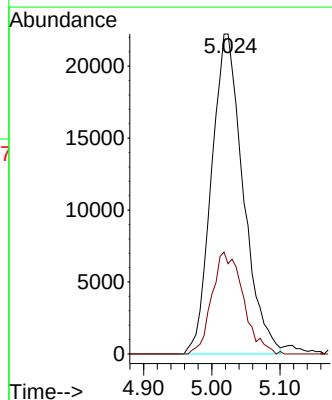
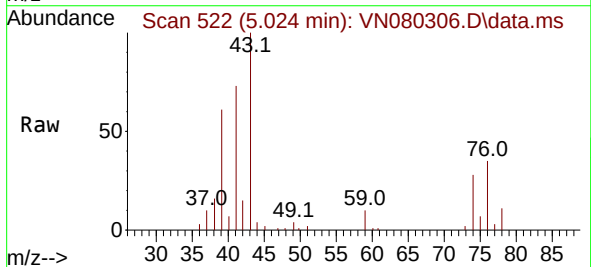
Manual Integrations
APPROVED

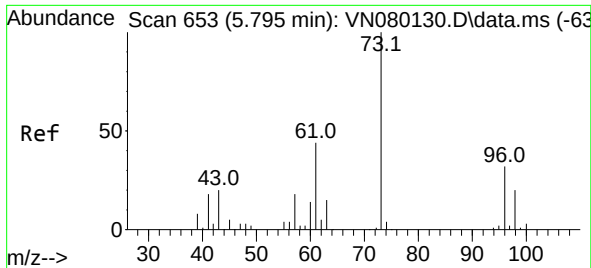
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#18
Methyl Acetate
Concen: 18.012 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 43 Resp: 71851
Ion Ratio Lower Upper
43 100
74 31.4 26.2 39.4





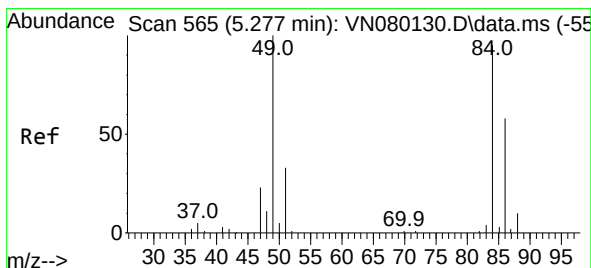
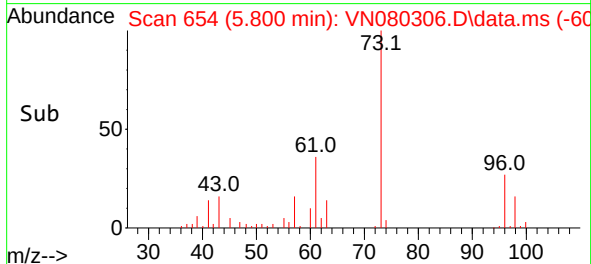
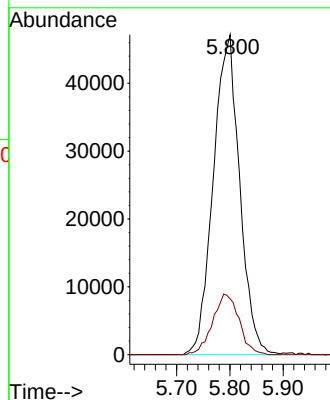
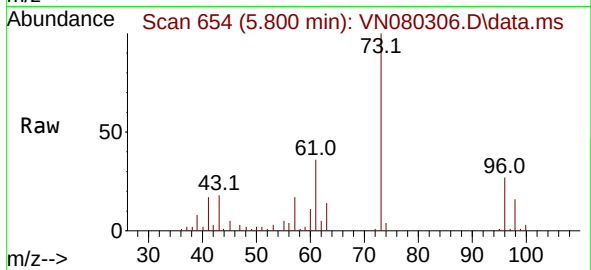
#19
Methyl tert-butyl Ether
Concen: 19.370 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 73 Resp: 16185
Ion Ratio Lower Upper
73 100
57 17.5 15.6 23.4

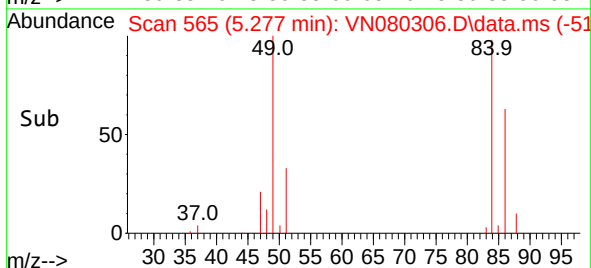
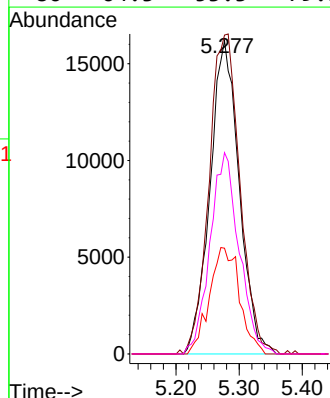
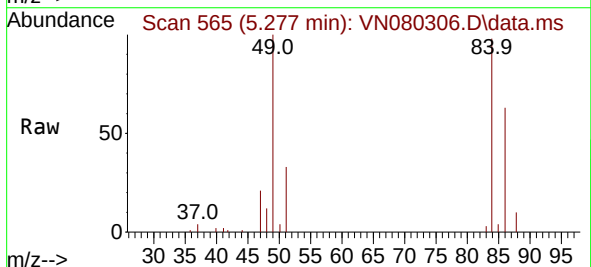
Manual Integrations
APPROVED

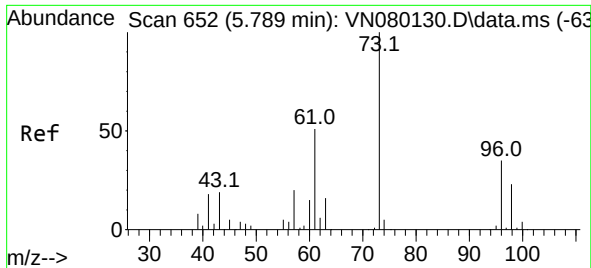
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 20.003 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

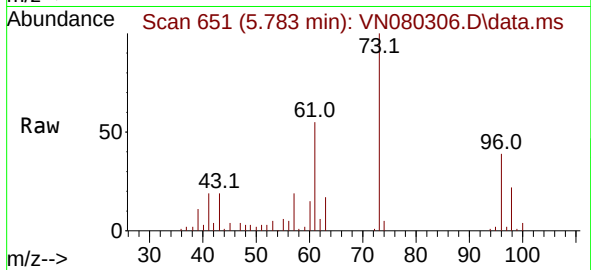
Tgt Ion: 84 Resp: 52007
Ion Ratio Lower Upper
84 100
49 101.8 79.7 119.5
51 33.8 25.2 37.8
86 64.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.273 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

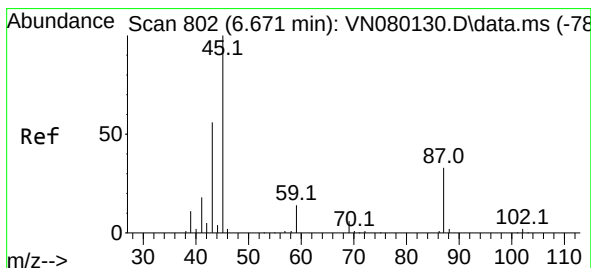
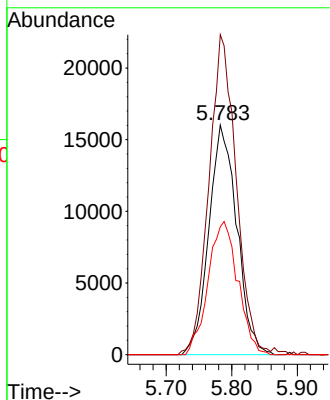
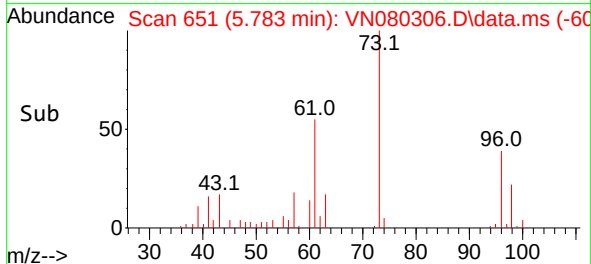
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 96 Resp: 47500
Ion Ratio Lower Upper
96 100
61 139.4 90.1 135.1
98 55.7 46.4 69.6

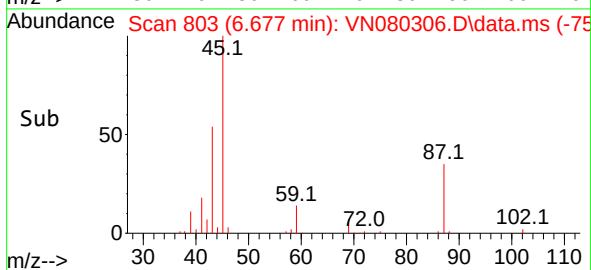
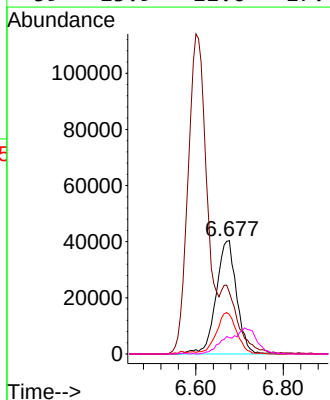
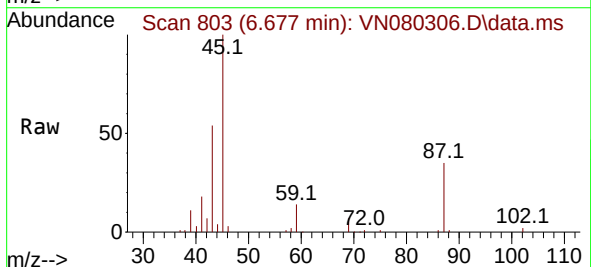
Manual Integrations
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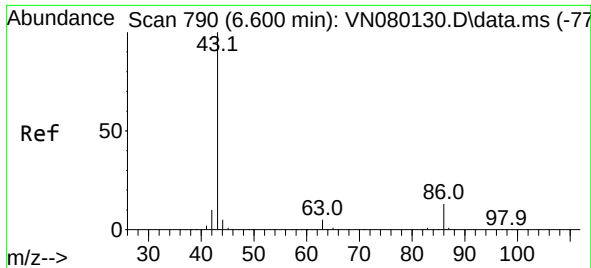
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#22
Diisopropyl ether
Concen: 19.841 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 45 Resp: 130682
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 34.7 31.8 47.8
59 13.9 11.6 17.4





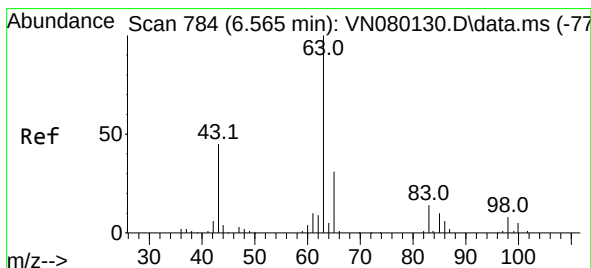
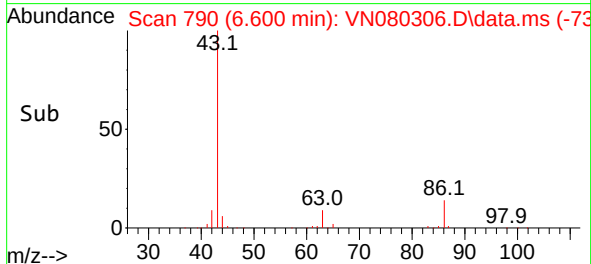
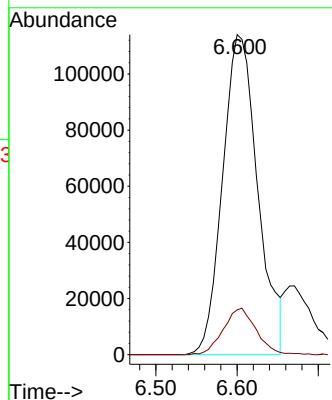
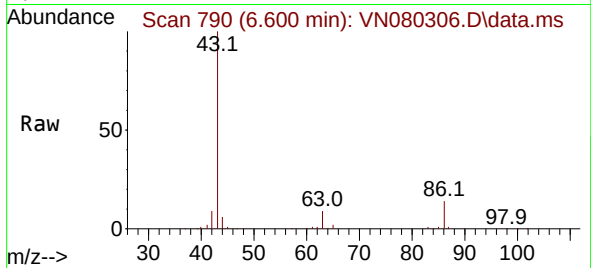
#23
 Vinyl Acetate
 Concen: 86.766 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion: 43 Resp: 34356
 Ion Ratio Lower Upper
 43 100
 86 14.0 13.0 19.6

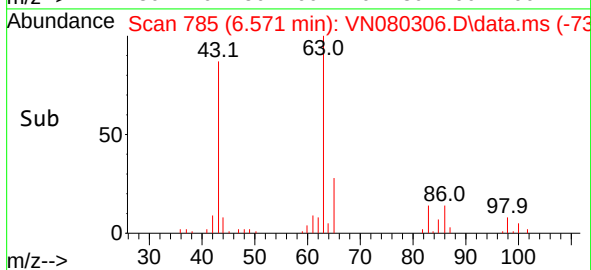
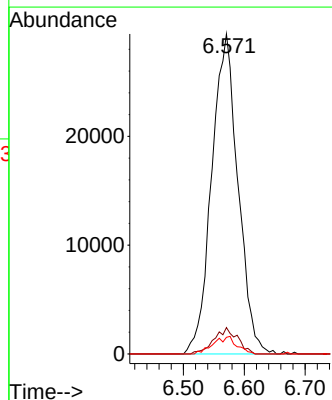
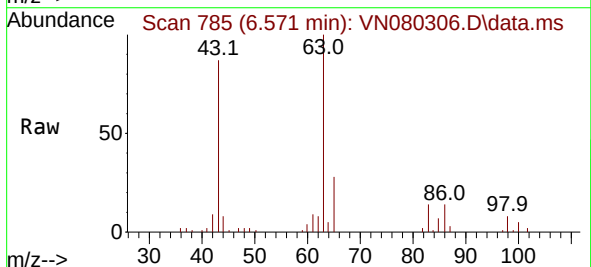
Manual Integrations
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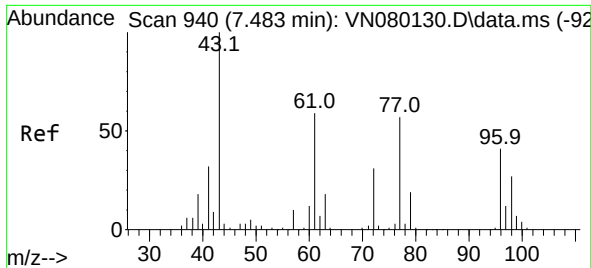
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 18.415 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

Tgt Ion: 63 Resp: 88336
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.2 2.5 7.4





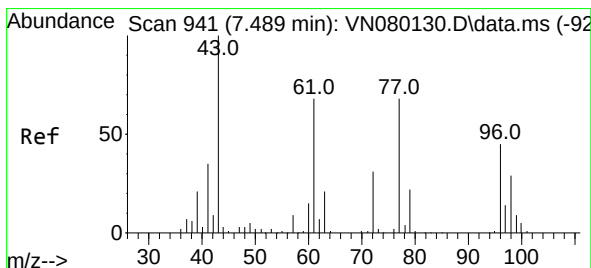
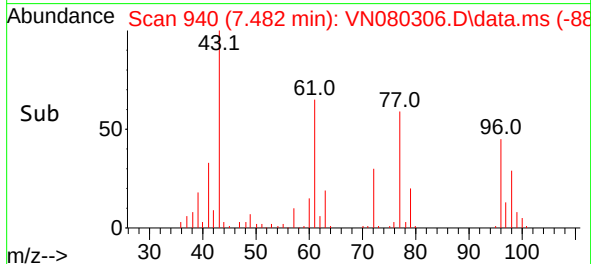
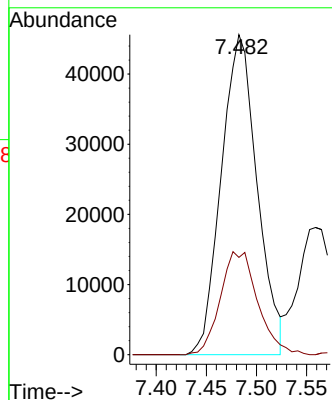
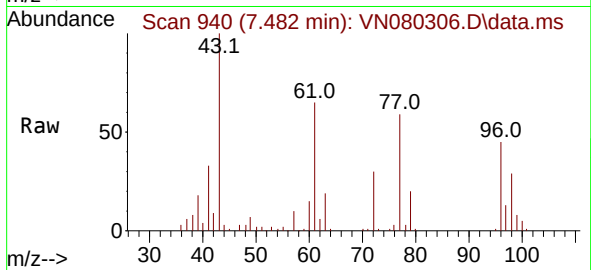
#25
2-Butanone
Concen: 76.881 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 11340
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

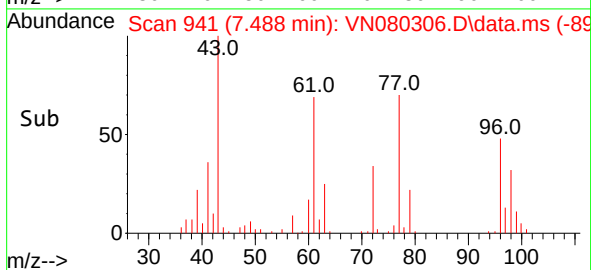
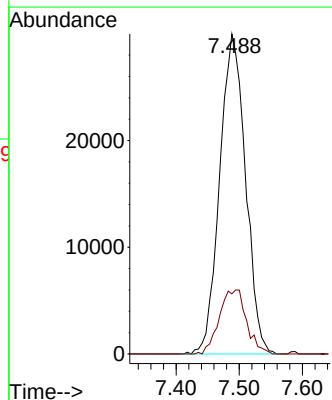
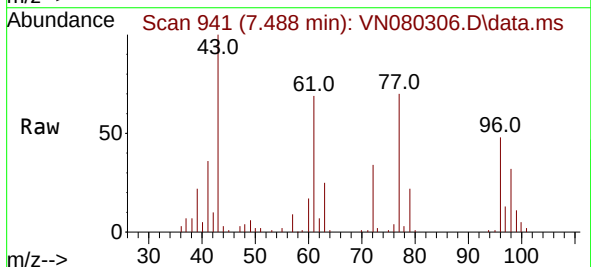
Manual Integrations
APPROVED

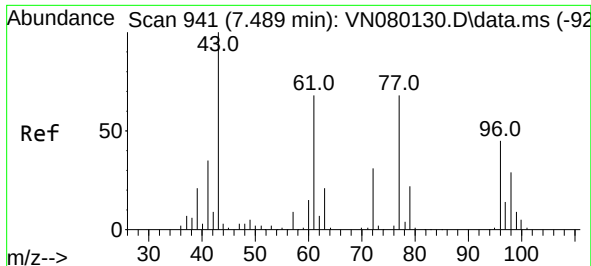
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#26
2,2-Dichloropropane
Concen: 17.903 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

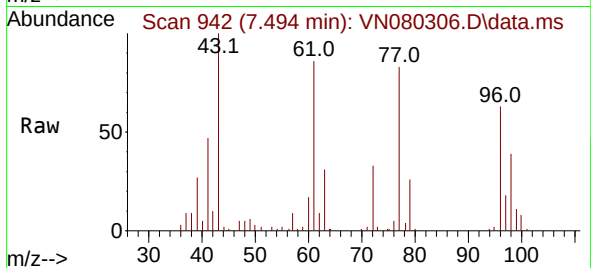
Tgt Ion: 77 Resp: 85204
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.807 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

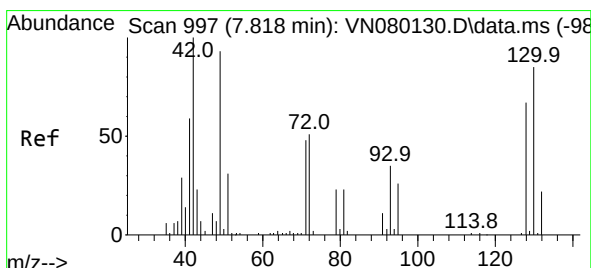
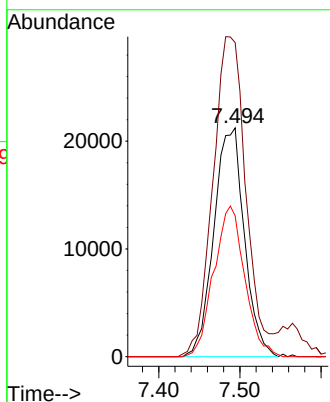
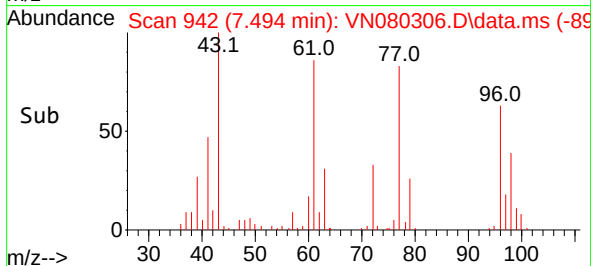
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01



Tgt Ion: 96 Resp: 55429
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 255.2
 98 66.8 0.0 128.8

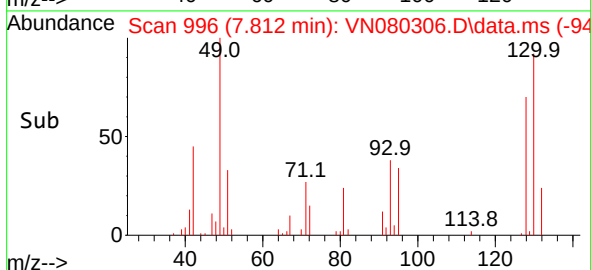
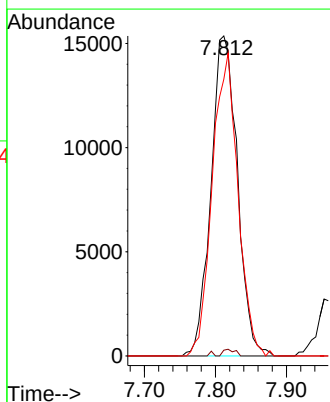
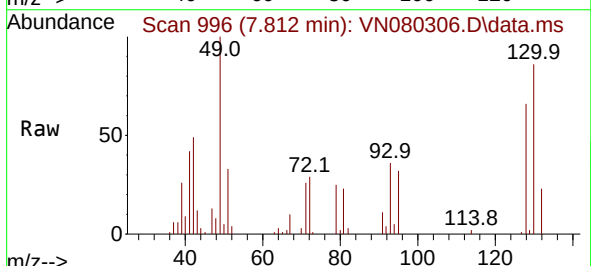
Manual Integrations
 APPROVED

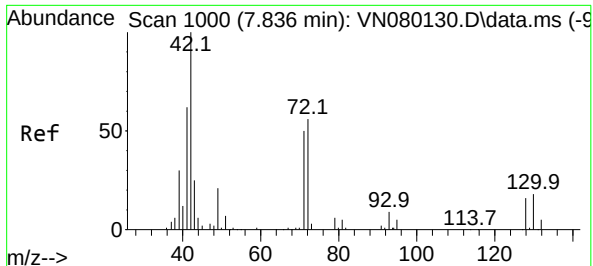
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#28
 Bromochloromethane
 Concen: 21.036 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

Tgt Ion: 49 Resp: 39671
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 91.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 88.914 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 42 Resp: 7041

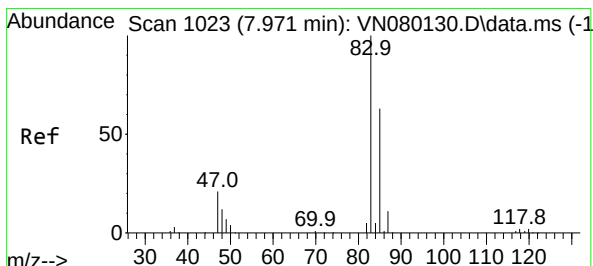
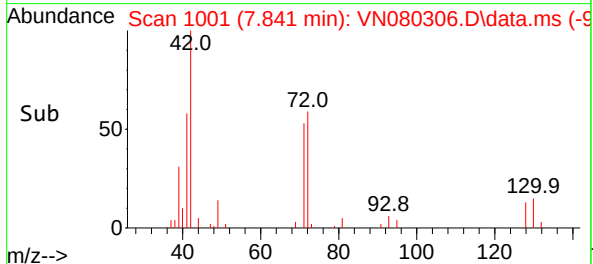
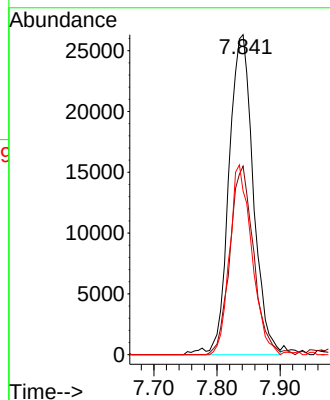
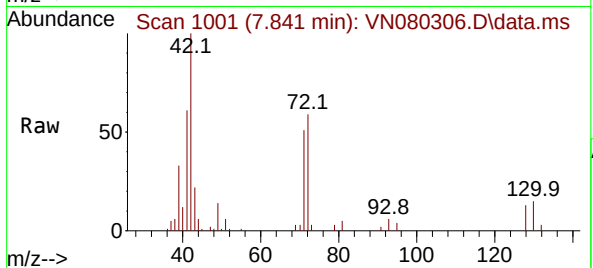
Ion	Ratio	Lower	Upper
42	100		
72	57.6	49.8	74.6
71	54.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 19.822 ug/l

RT: 7.965 min Scan# 1022

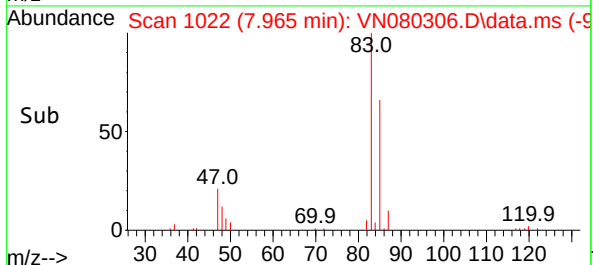
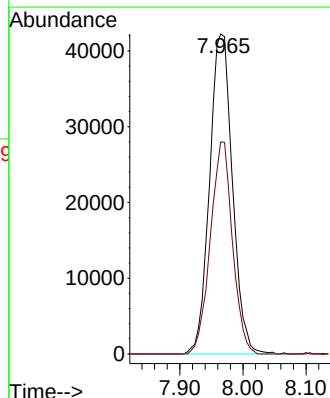
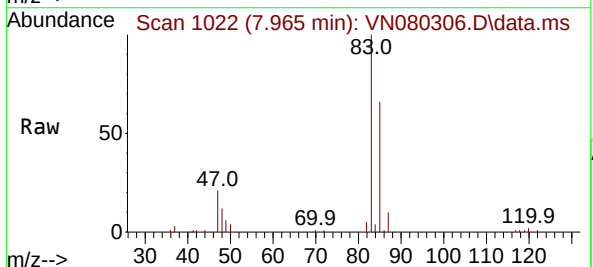
Delta R.T. -0.006 min

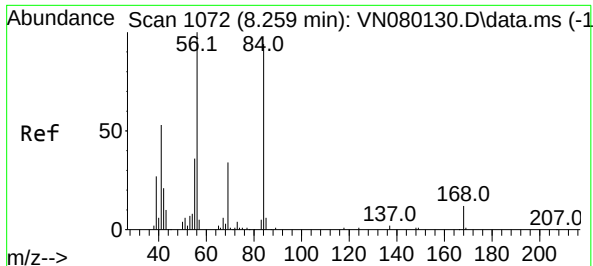
Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Tgt Ion: 83 Resp: 106282

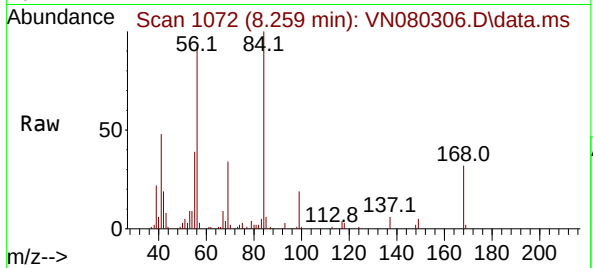
Ion	Ratio	Lower	Upper
83	100		
85	66.3	55.4	83.0





#31
Cyclohexane
Concen: 16.809 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

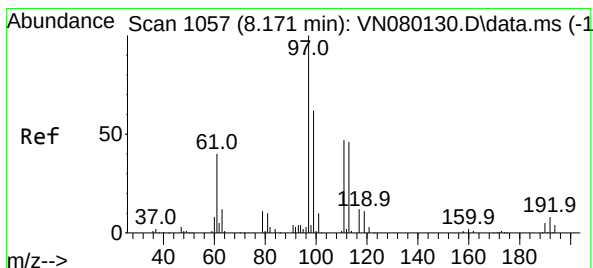
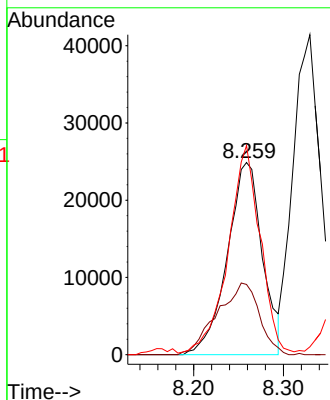
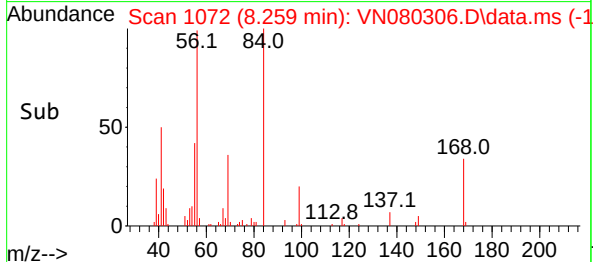
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



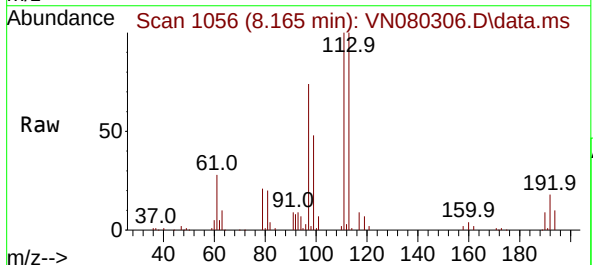
Tgt Ion: 56 Resp: 67570
Ion Ratio Lower Upper
56 100
69 36.6 26.8 40.2
84 107.9 81.8 122.6

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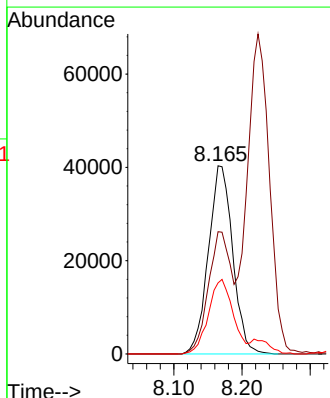
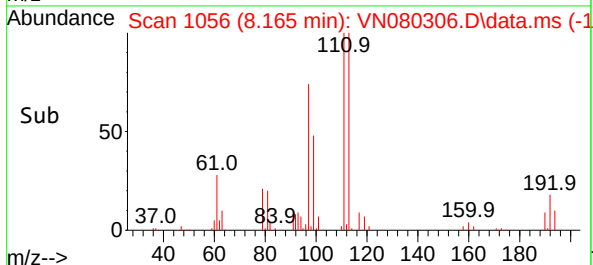
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

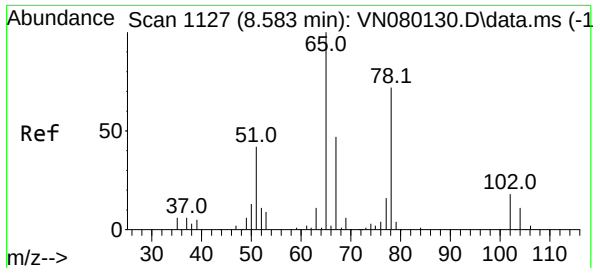


#32
1,1,1-Trichloroethane
Concen: 19.136 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion: 97 Resp: 100057
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 40.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.514 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 65 Resp: 179328

Ion Ratio Lower Upper

65 100

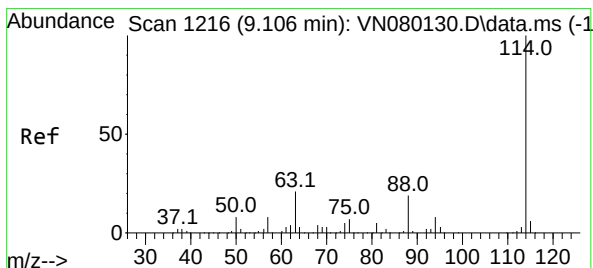
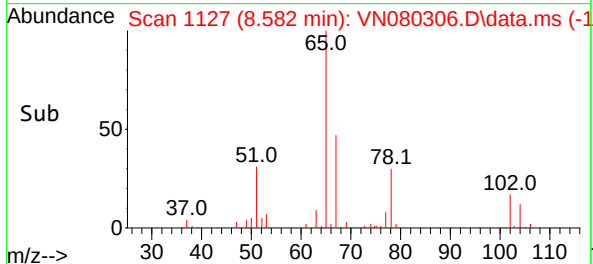
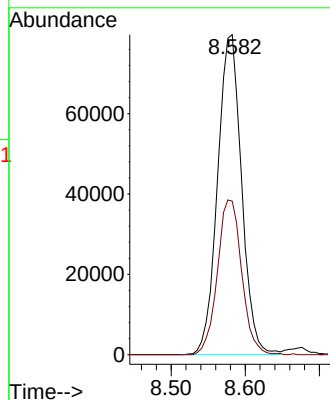
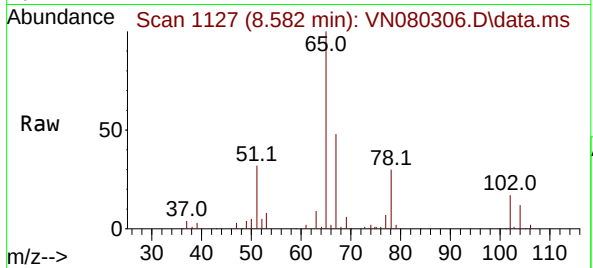
67 48.9 0.0 106.6

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: VN080306.D

Acq: 29 Nov 2023 13:09

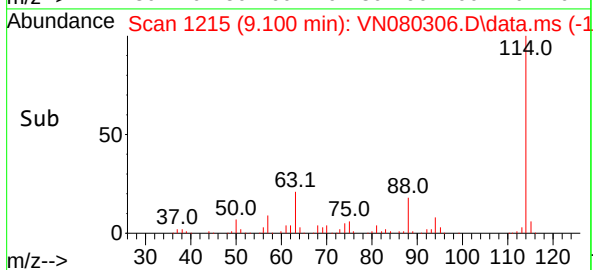
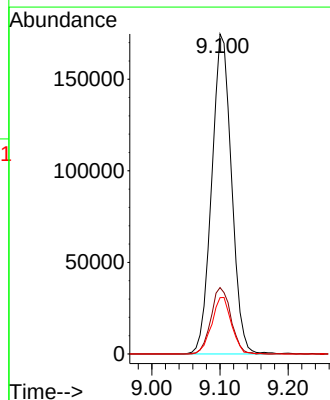
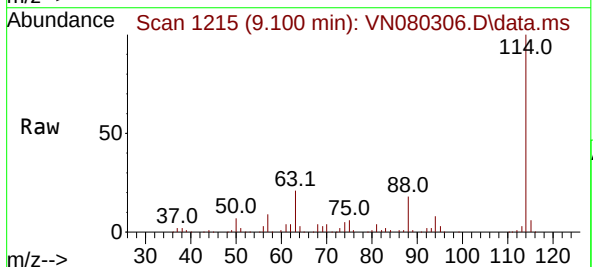
Tgt Ion:114 Resp: 352873

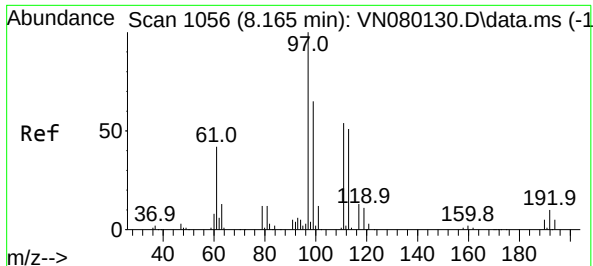
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.050 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion:113 Resp: 13031

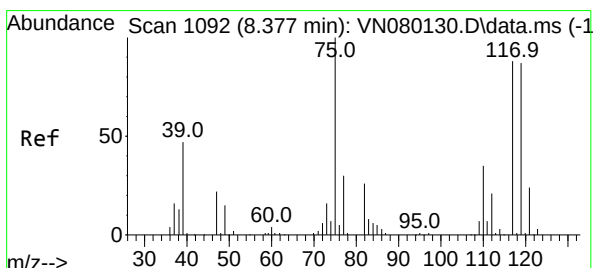
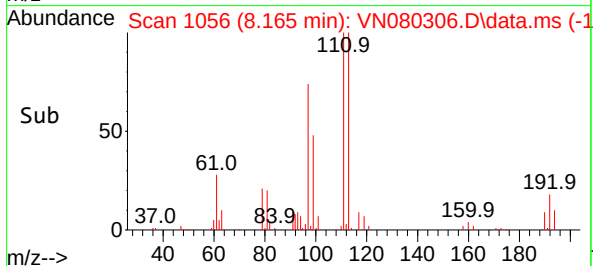
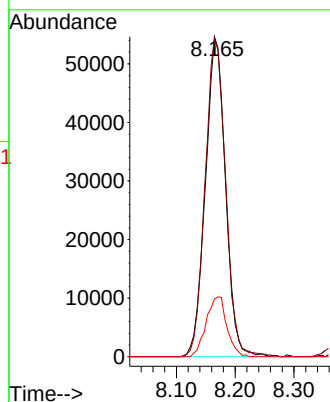
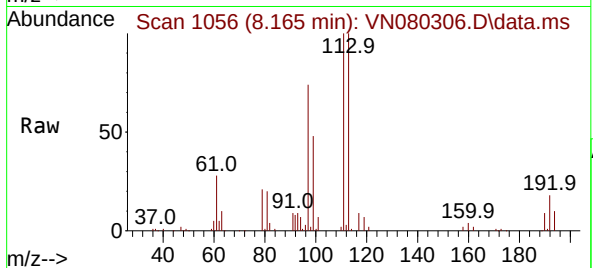
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	19.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#36

1,1-Dichloropropene

Concen: 19.284 ug/l

RT: 8.371 min Scan# 1091

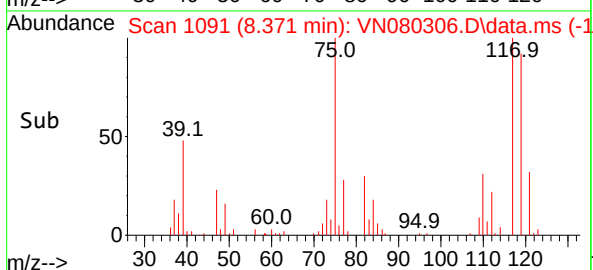
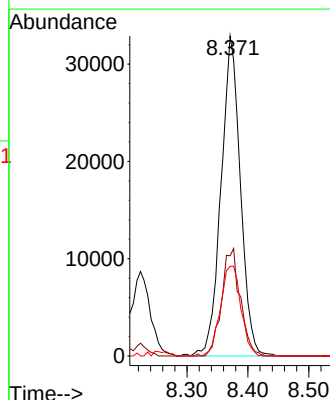
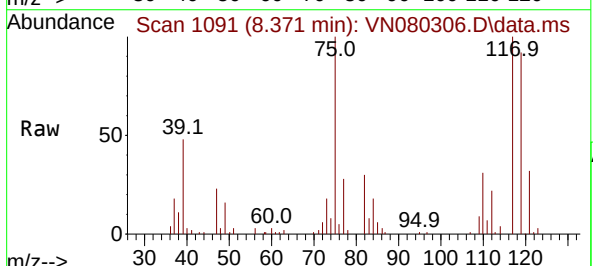
Delta R.T. -0.006 min

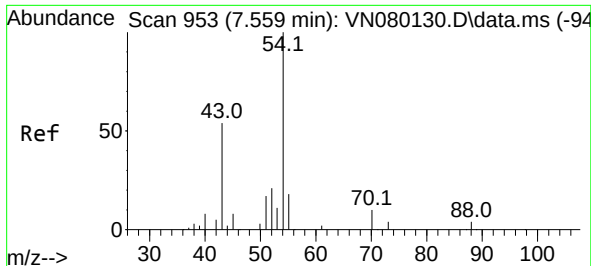
Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Tgt Ion: 75 Resp: 72695

Ion	Ratio	Lower	Upper
75	100		
110	32.3	19.1	57.3
77	29.8	25.0	37.4





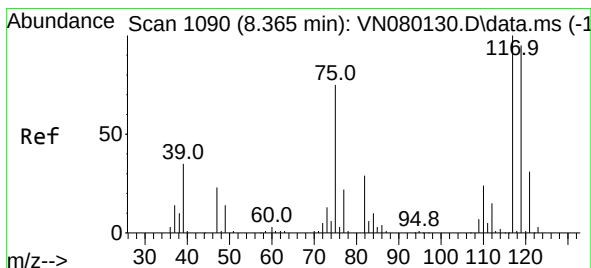
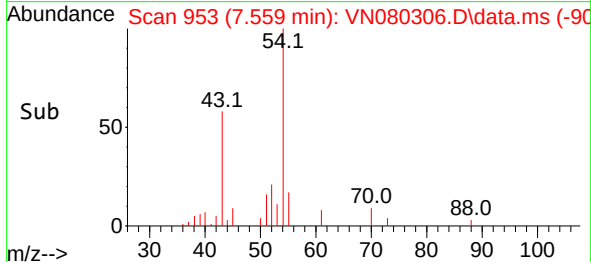
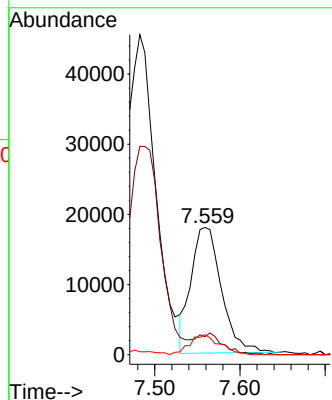
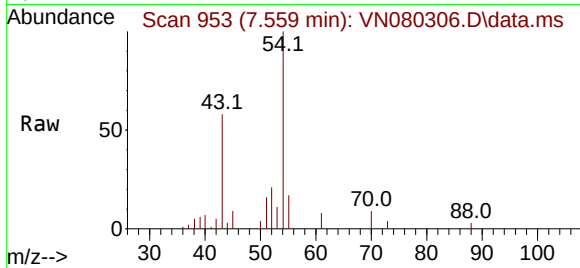
#37
Ethyl Acetate
Concen: 17.005 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 44464
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 15.6 11.3 16.9

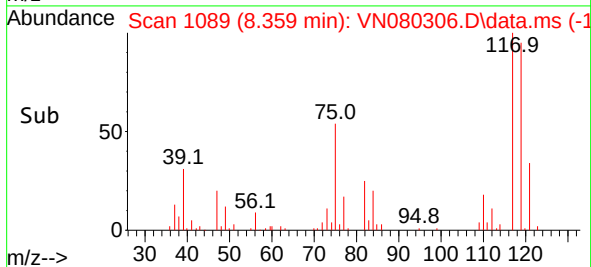
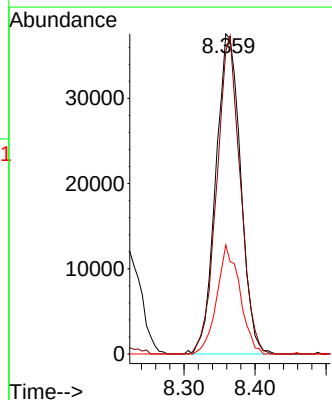
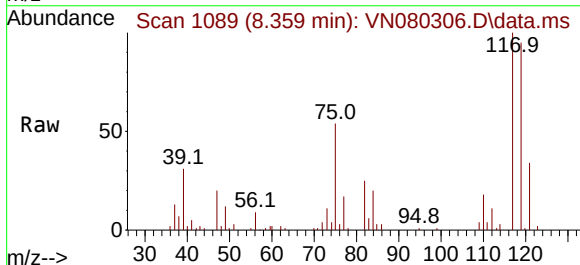
Manual Integrations
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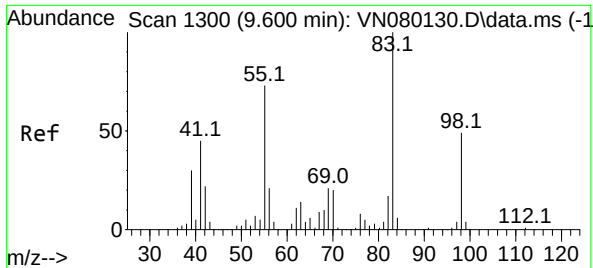
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#38
Carbon Tetrachloride
Concen: 19.015 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:117 Resp: 90964
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 34.0 23.3 34.9





#39

Methylcyclohexane

Concen: 16.644 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 83 Resp: 60490

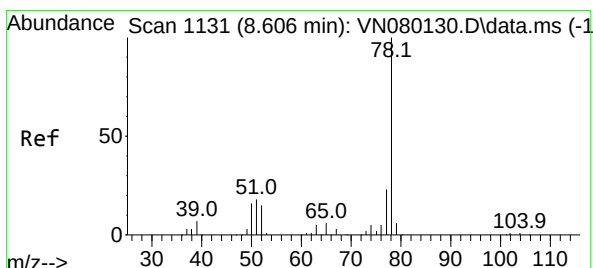
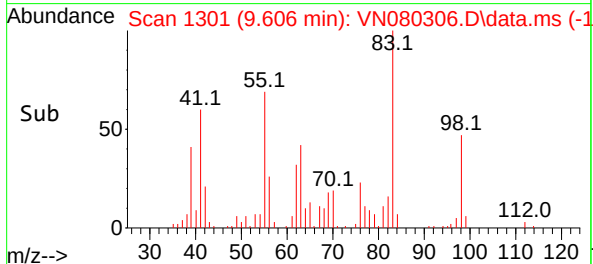
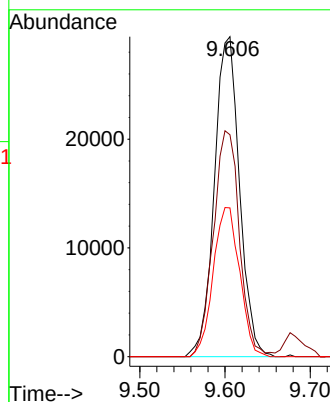
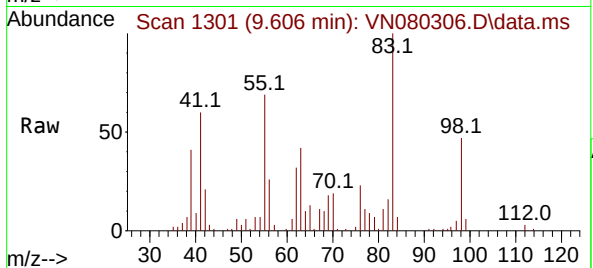
Ion	Ratio	Lower	Upper
83	100		
55	69.4	49.1	73.7
98	46.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Benzene

Concen: 19.354 ug/l

RT: 8.606 min Scan# 1131

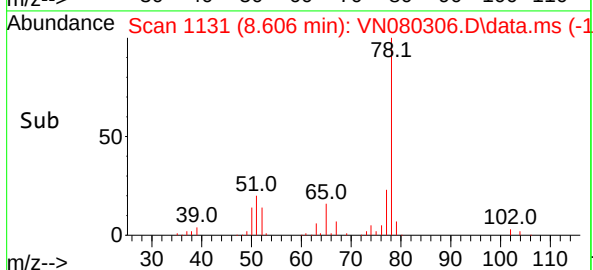
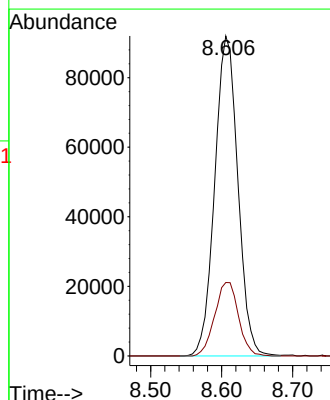
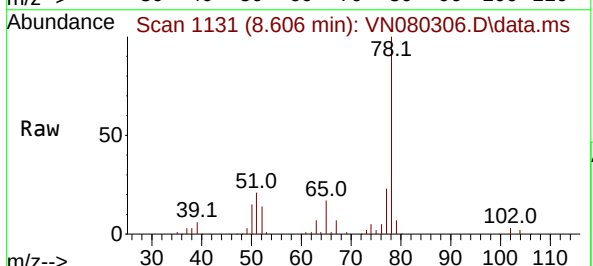
Delta R.T. -0.000 min

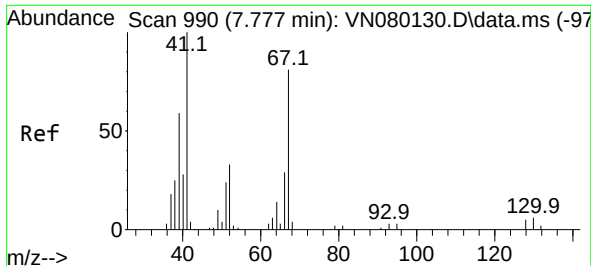
Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Tgt Ion: 78 Resp: 207357

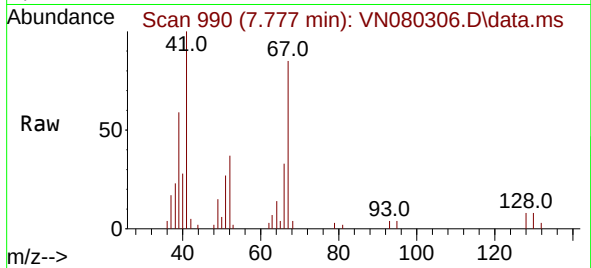
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 19.113 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

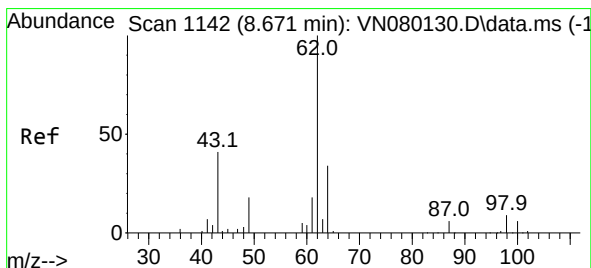
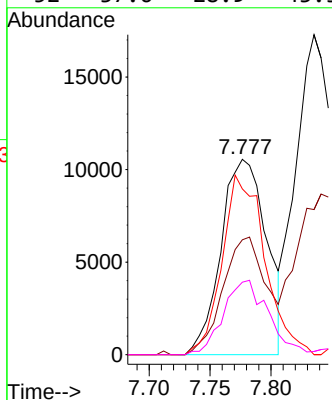
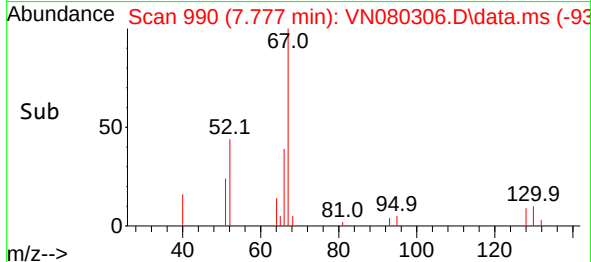
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



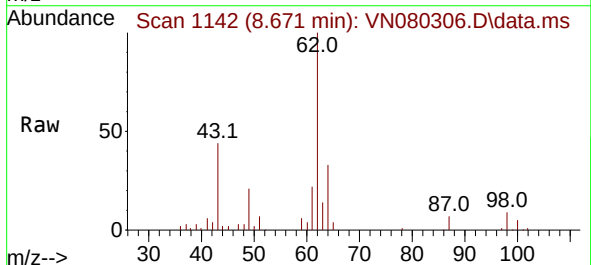
Tgt Ion: 41 Resp: 2744
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 86.6 77.5 116.3
52 37.6 28.9 43.3

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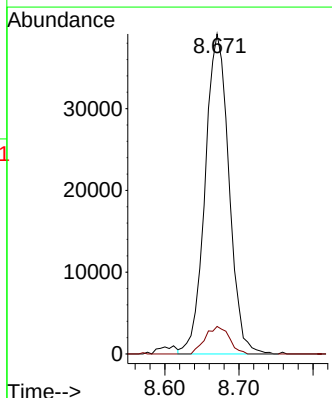
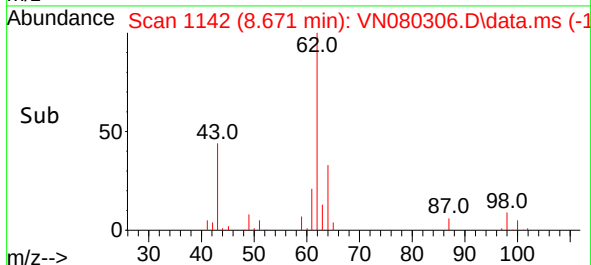
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

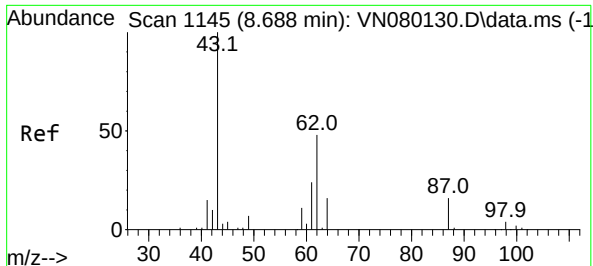


#42
1,2-Dichloroethane
Concen: 19.968 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



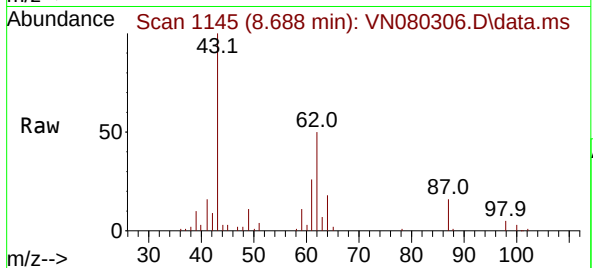
Tgt Ion: 62 Resp: 87527
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 15.919 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

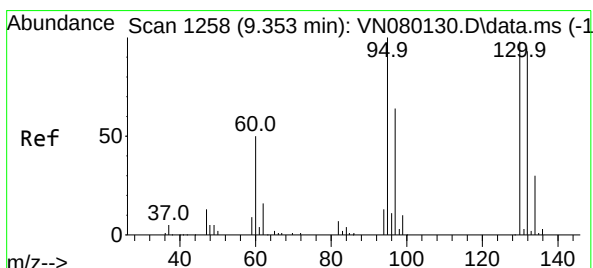
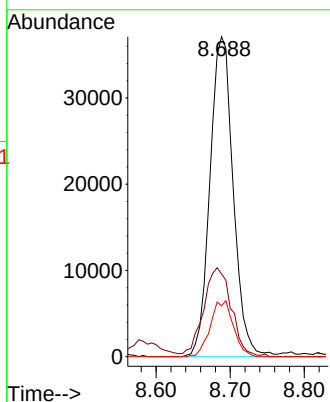
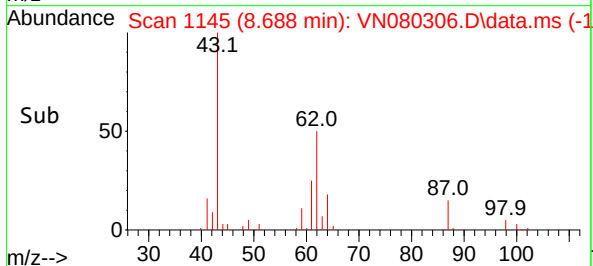
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



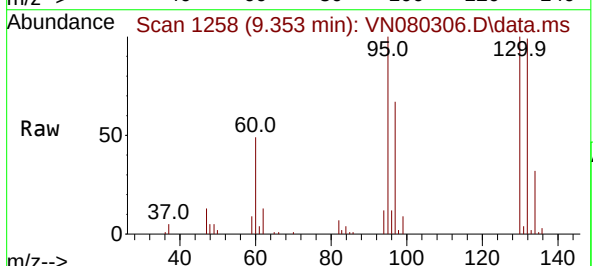
Tgt Ion: 43 Resp: 81000
Ion Ratio Lower Upper
43 100
61 33.3 24.7 37.1
87 17.3 14.6 21.8

Manual Integrations
APPROVED

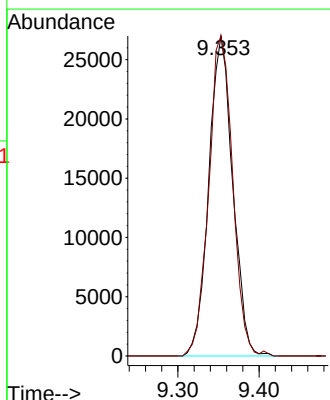
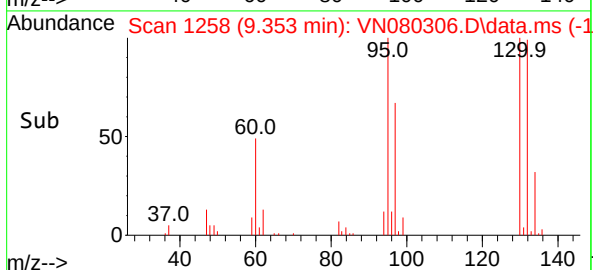
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

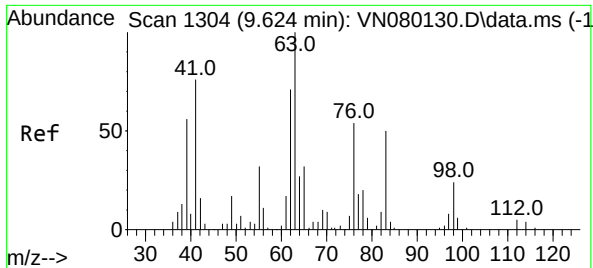


#44
Trichloroethene
Concen: 19.680 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion:130 Resp: 55309
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.797 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 63 Resp: 4929

Ion Ratio Lower Upper

63 100

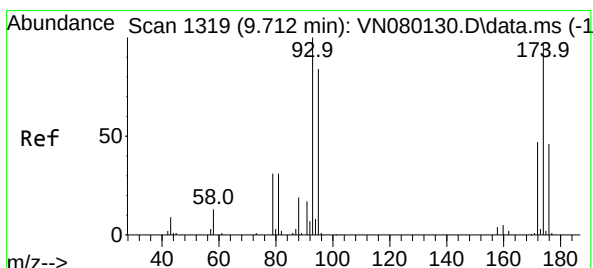
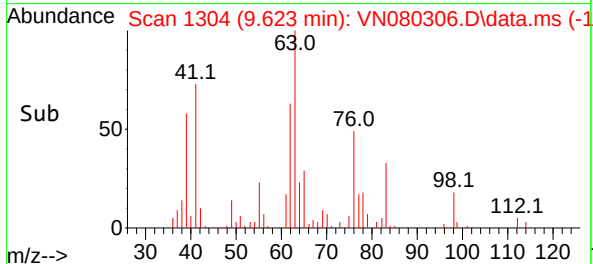
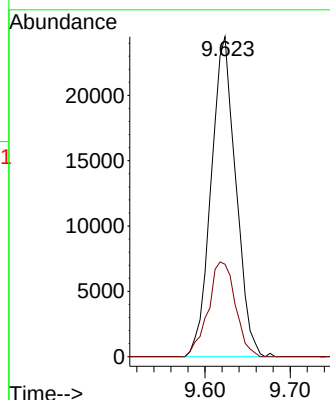
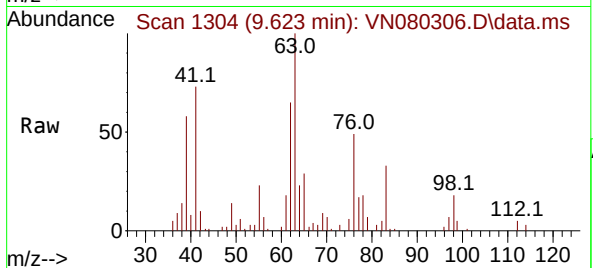
65 28.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#46

Dibromomethane

Concen: 19.358 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

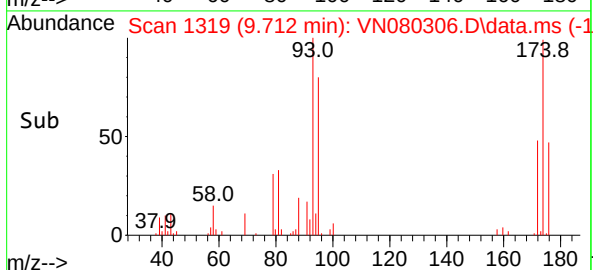
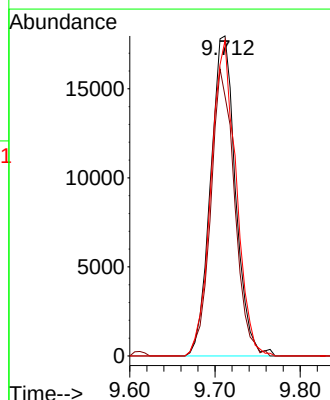
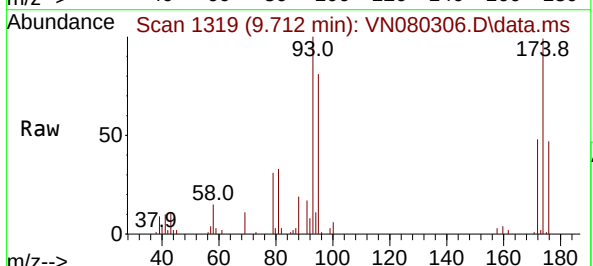
Tgt Ion: 93 Resp: 36484

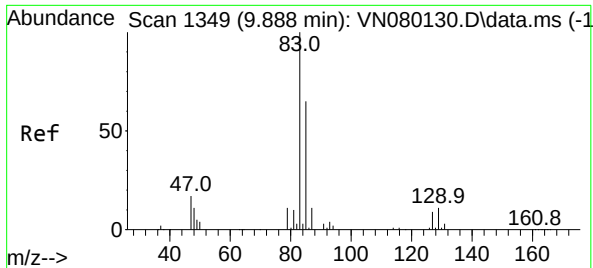
Ion Ratio Lower Upper

93 100

95 85.6 63.8 95.8

174 99.1 65.6 98.4#





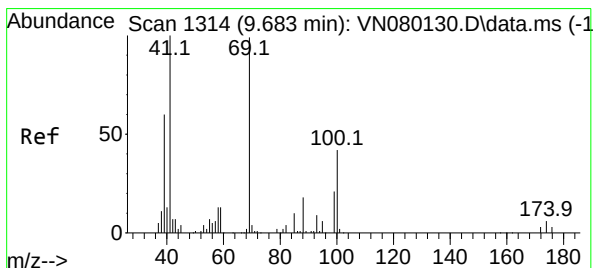
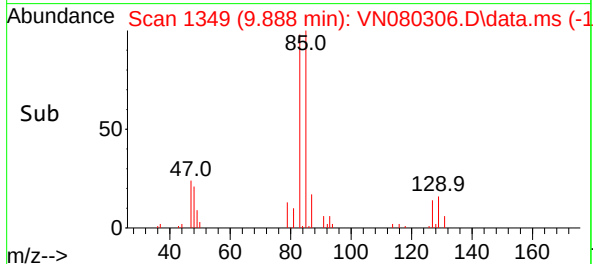
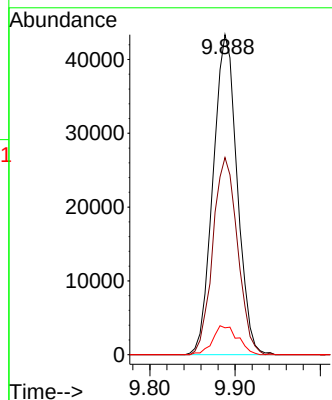
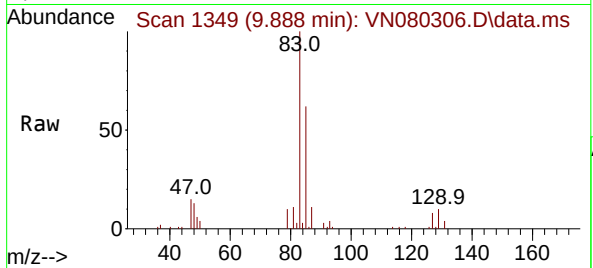
#47
Bromodichloromethane
Concen: 20.557 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 83 Resp: 85220
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.4 7.0 10.6

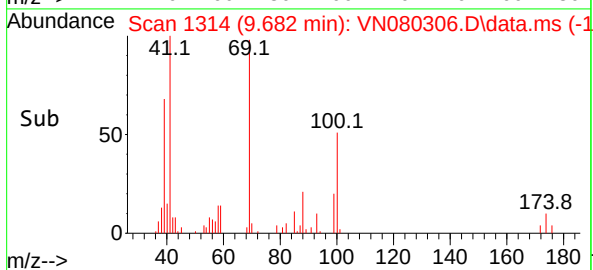
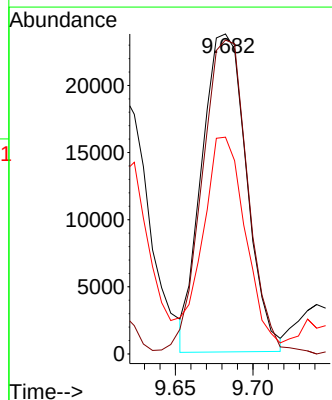
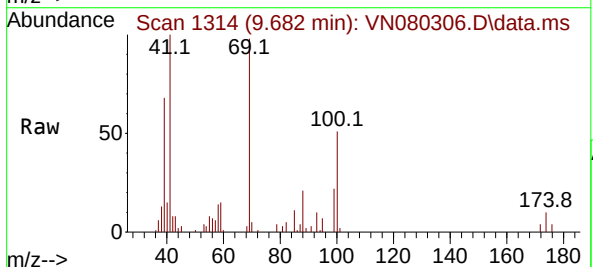
Manual Integrations
APPROVED

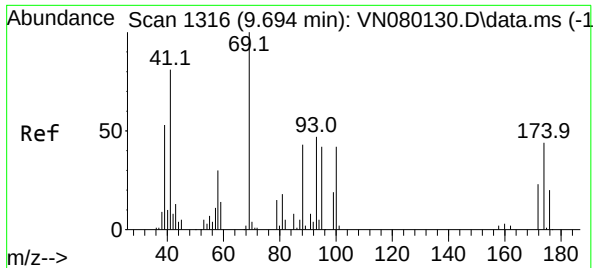
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#48
Methyl methacrylate
Concen: 18.108 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

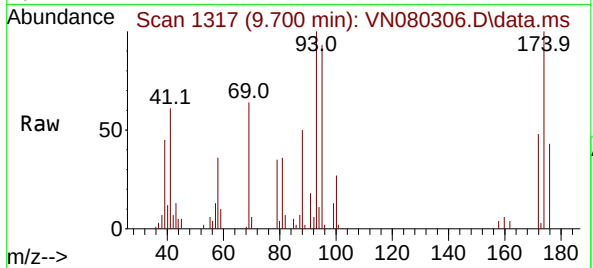
Tgt Ion: 41 Resp: 47482
Ion Ratio Lower Upper
41 100
69 101.5 90.4 135.6
39 67.9 54.6 81.8





#49
1,4-Dioxane
Concen: 335.437 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

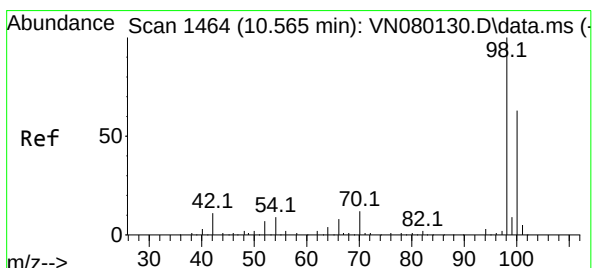
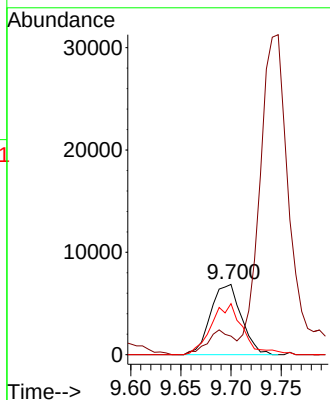
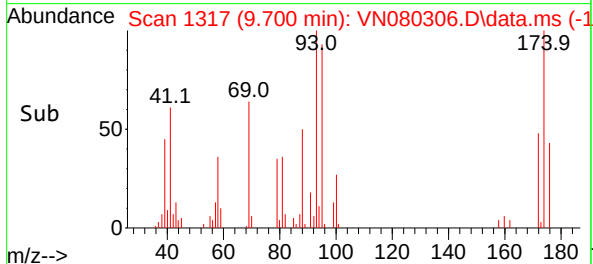
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 88 Resp: 1463
Ion Ratio Lower Upper
88 100
43 29.2 17.0 25.6
58 75.2 47.0 70.4

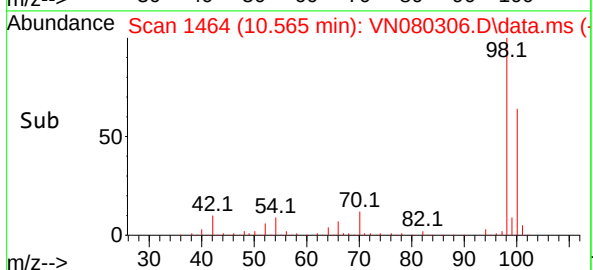
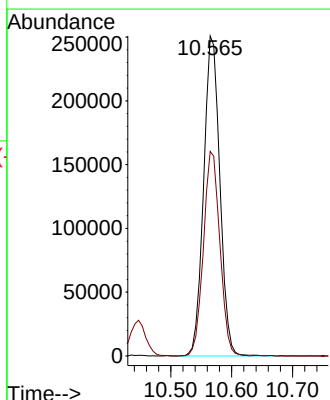
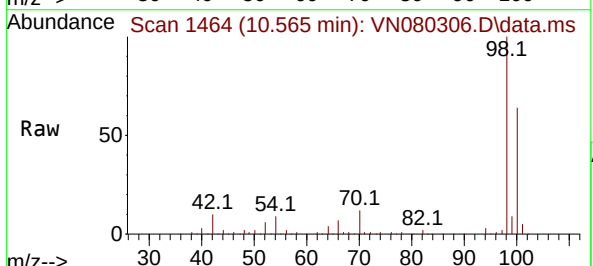
Manual Integrations
APPROVED

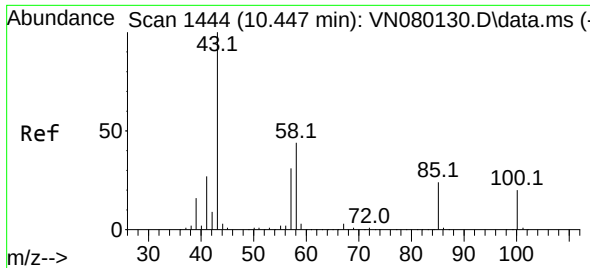
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

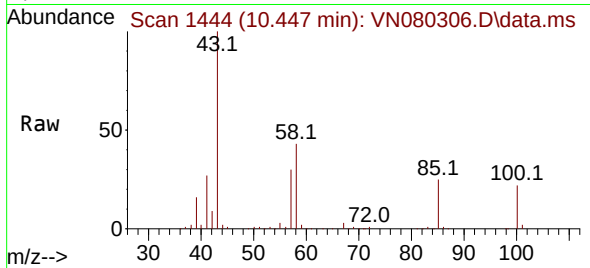
Tgt Ion: 98 Resp: 463777
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 90.781 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

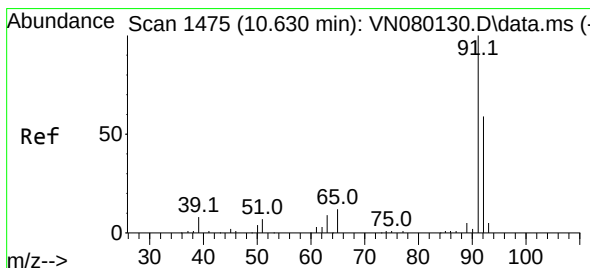
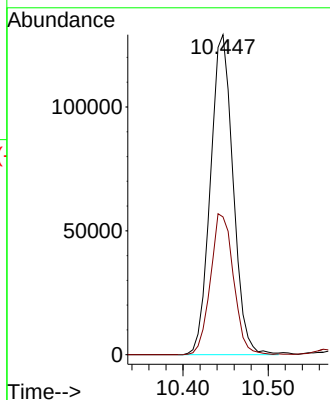
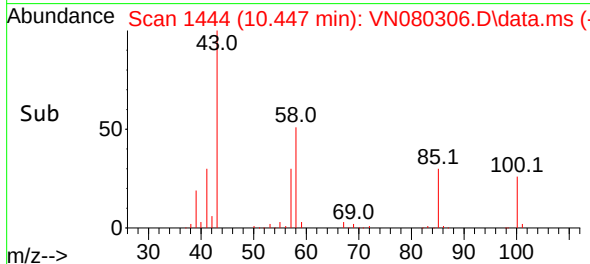
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



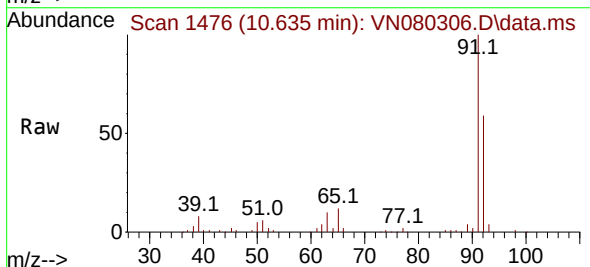
Tgt Ion: 43 Resp: 239148
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

Manual Integrations
APPROVED

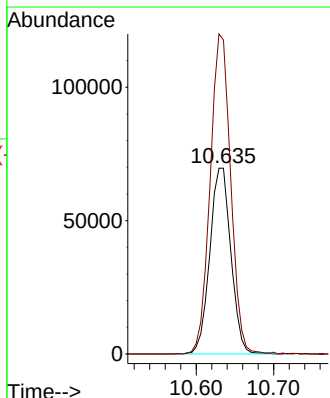
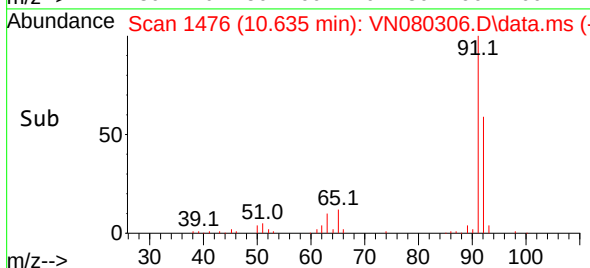
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

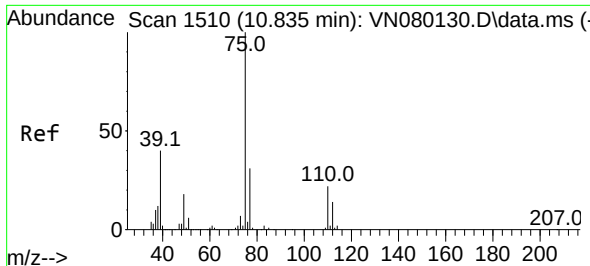


#52
Toluene
Concen: 19.643 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion: 92 Resp: 131704
Ion Ratio Lower Upper
92 100
91 167.4 137.4 206.0





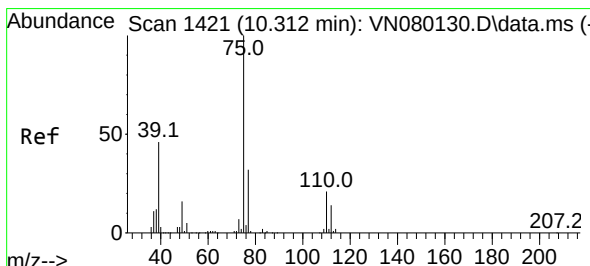
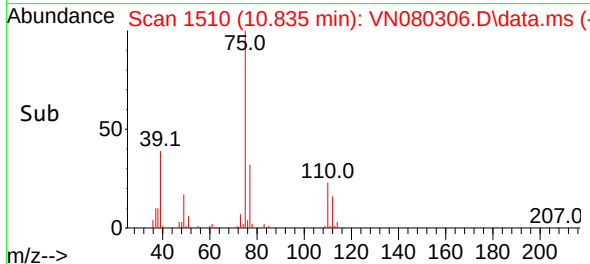
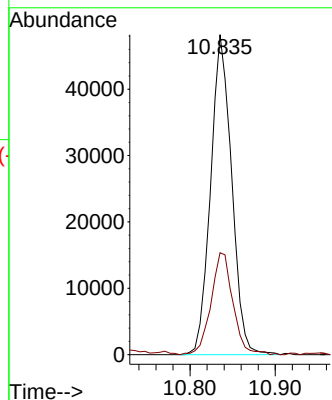
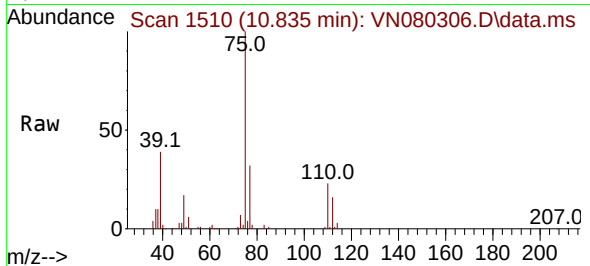
#53
t-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 75 Resp: 82589
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

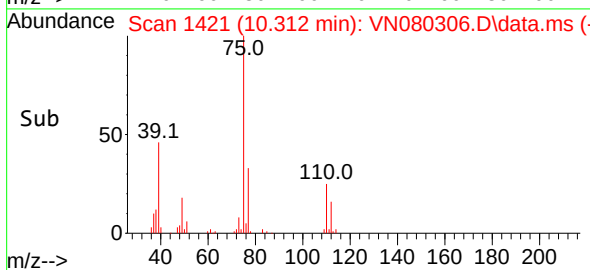
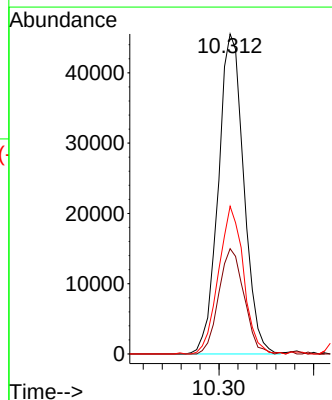
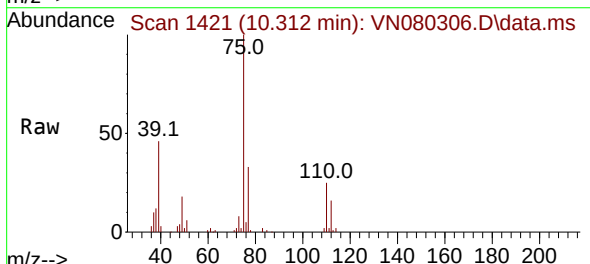
Manual Integrations
APPROVED

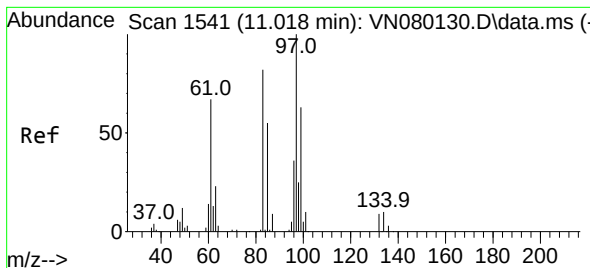
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#54
cis-1,3-Dichloropropene
Concen: 19.570 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

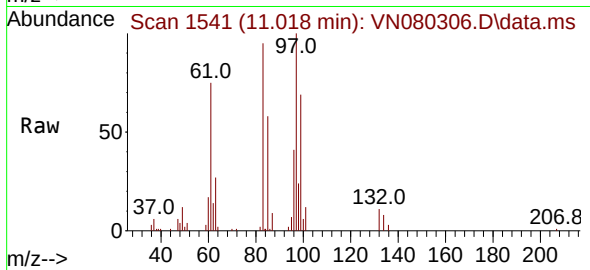
Tgt Ion: 75 Resp: 85164
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 45.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.311 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

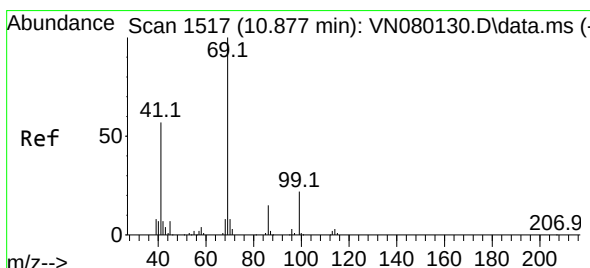
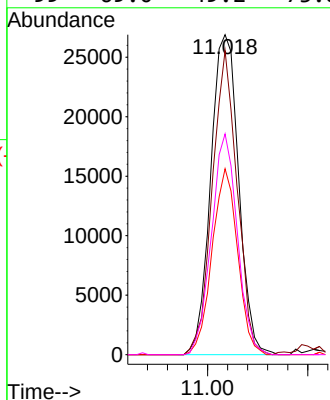
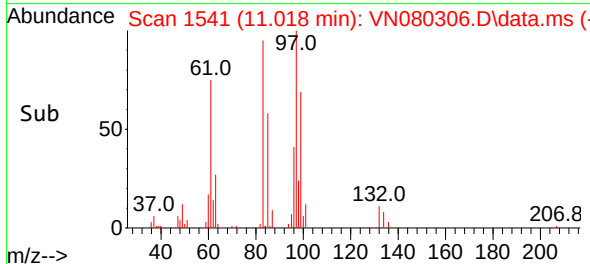
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



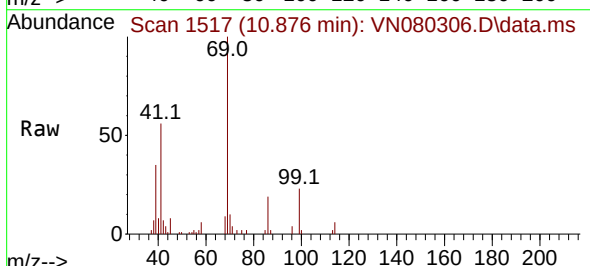
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.0	65.1	97.7
85	58.1	43.4	65.2
99	69.0	49.2	73.8

Manual Integrations
APPROVED

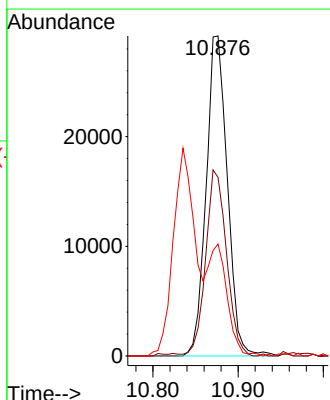
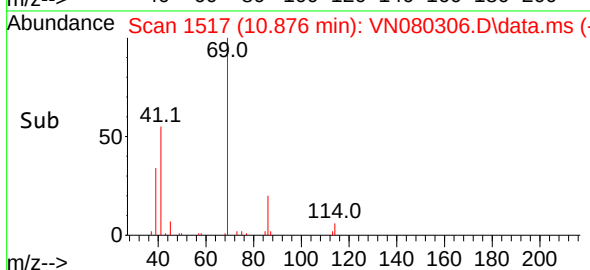
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

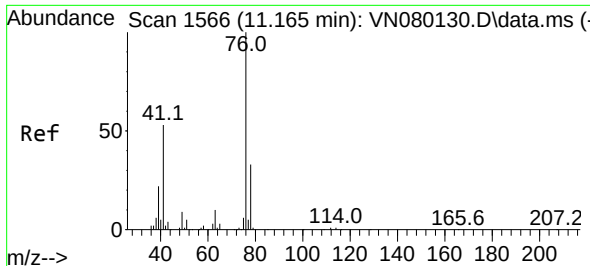


#56
Ethyl methacrylate
Concen: 19.329 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.6	59.4
39	31.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.570 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 76 Resp: 87438

Ion Ratio Lower Upper

76 100

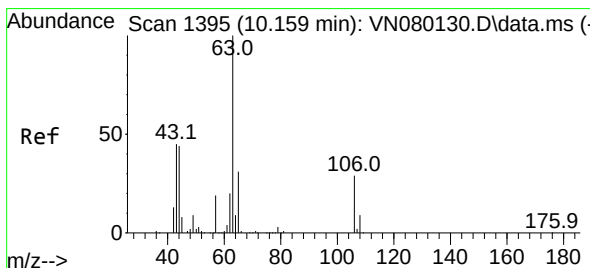
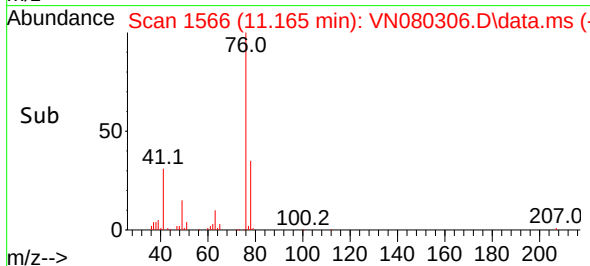
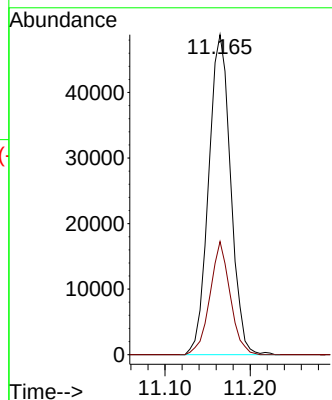
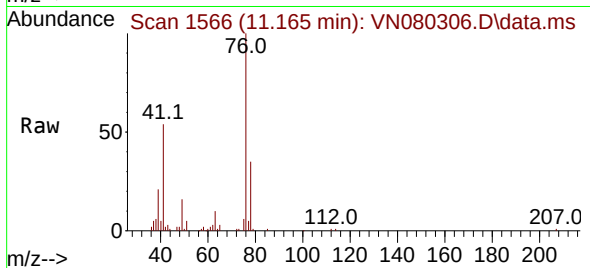
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.544 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080306.D

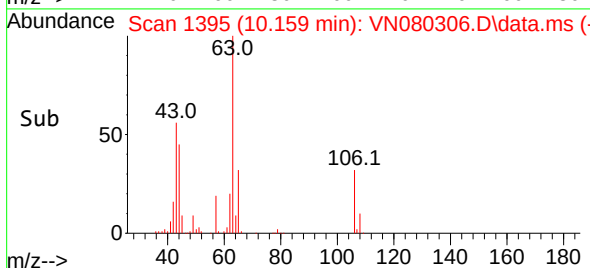
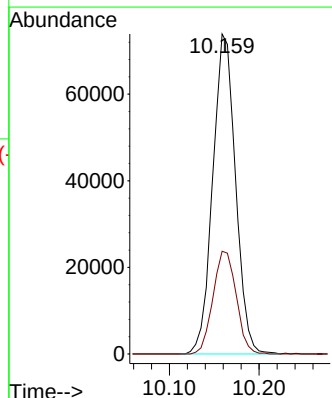
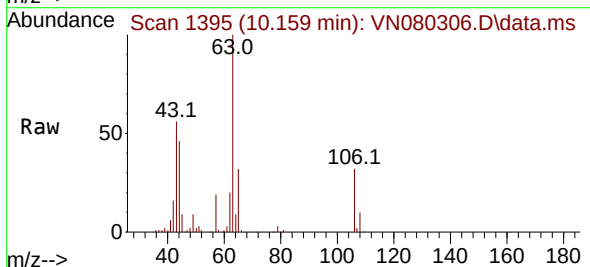
Acq: 29 Nov 2023 13:09

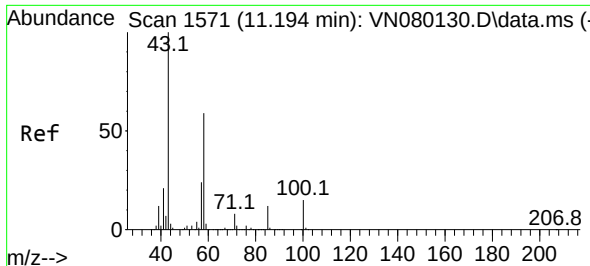
Tgt Ion: 63 Resp: 130411

Ion Ratio Lower Upper

63 100

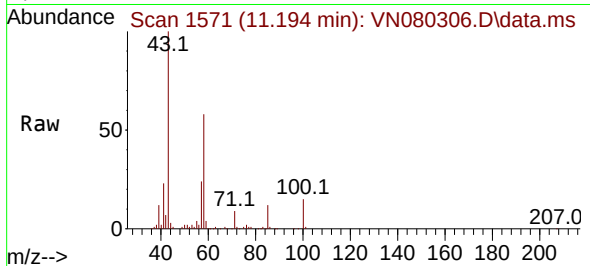
106 32.6 26.2 39.4





#59
2-Hexanone
Concen: 82.288 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

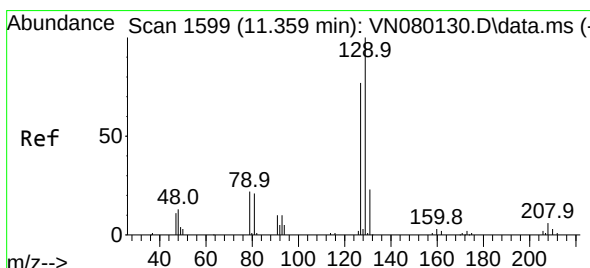
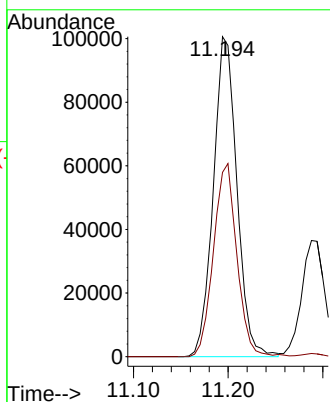
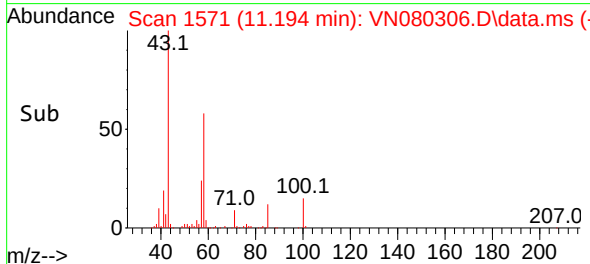
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 43 Resp: 174192
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

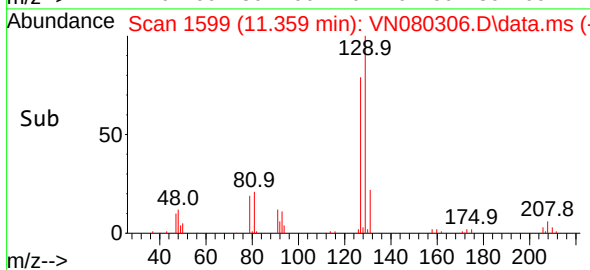
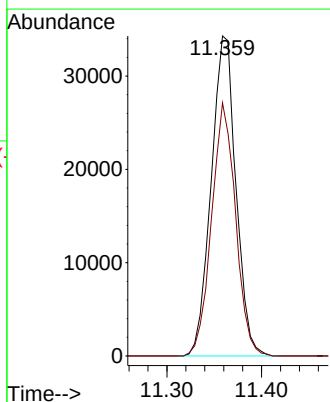
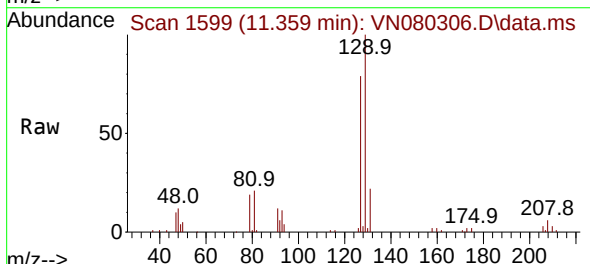
Manual Integrations
APPROVED

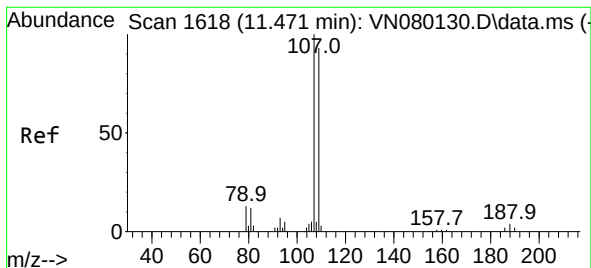
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 20.336 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:129 Resp: 62304
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





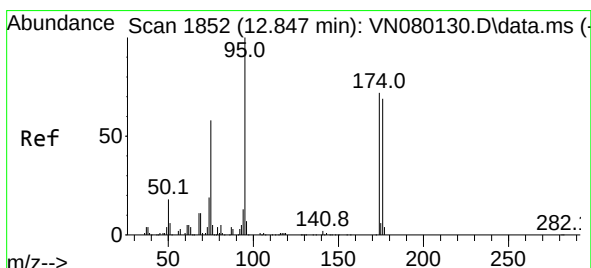
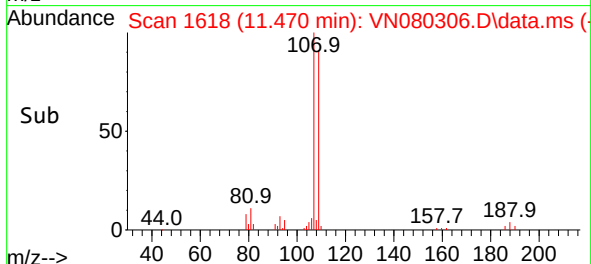
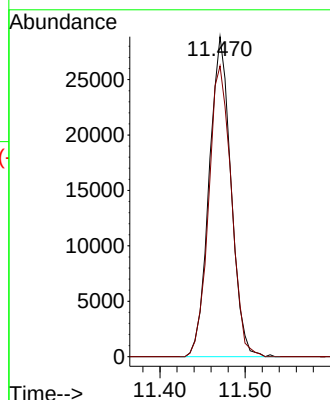
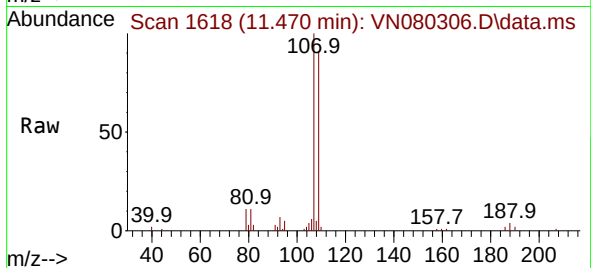
#61
1,2-Dibromoethane
Concen: 19.720 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:107 Resp: 5148
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

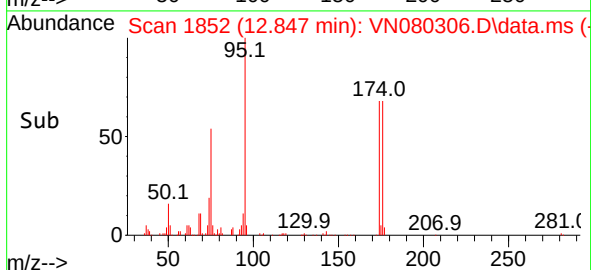
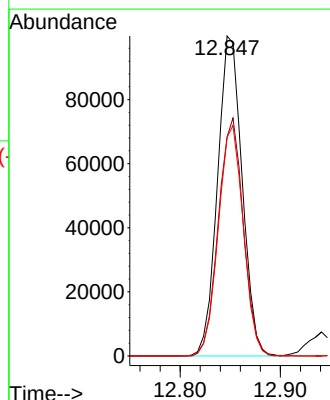
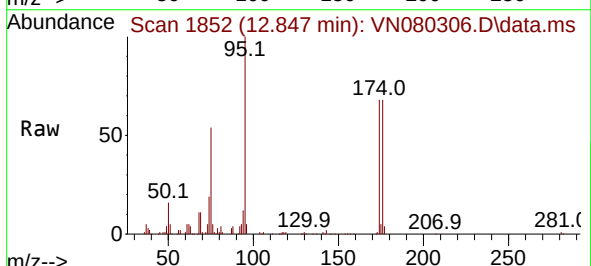
Manual Integrations
APPROVED

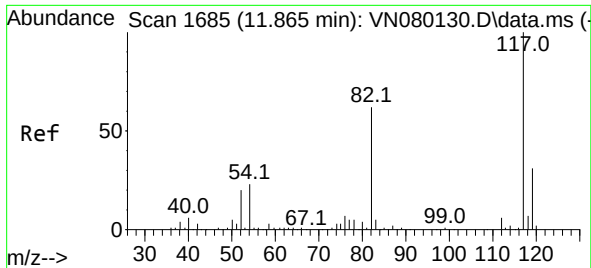
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 95 Resp: 170415
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 73.0 0.0 135.8





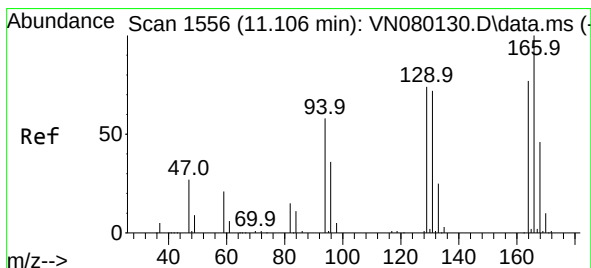
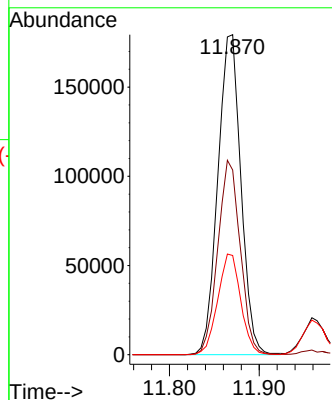
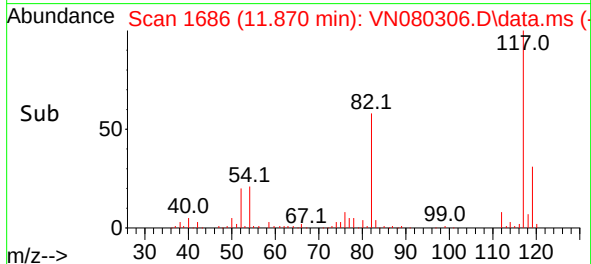
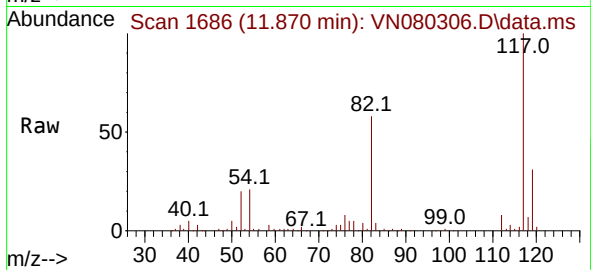
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:117 Resp: 32061
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.0 25.6 38.4

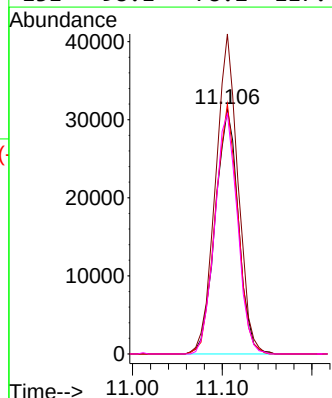
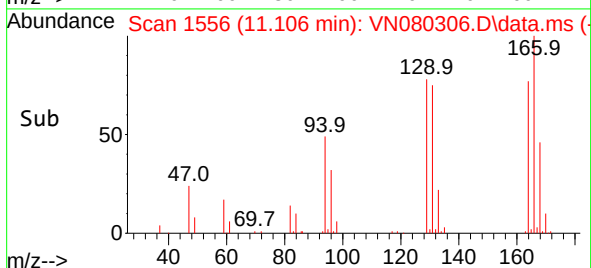
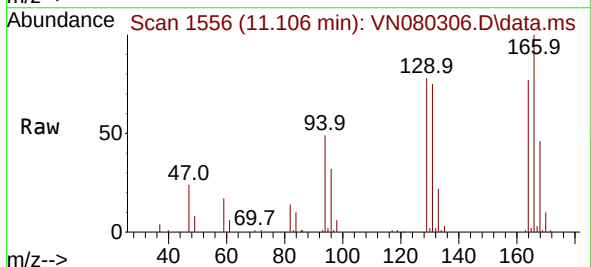
Manual Integrations
APPROVED

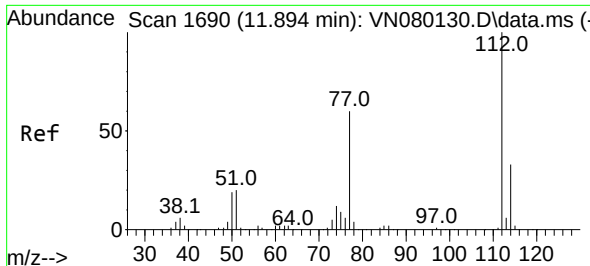
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#64
Tetrachloroethene
Concen: 22.970 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:164 Resp: 56204
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 102.1 82.4 123.6
131 98.1 78.2 117.4





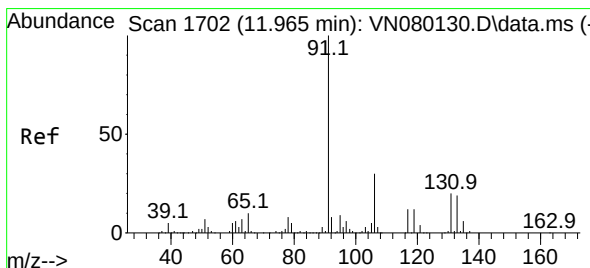
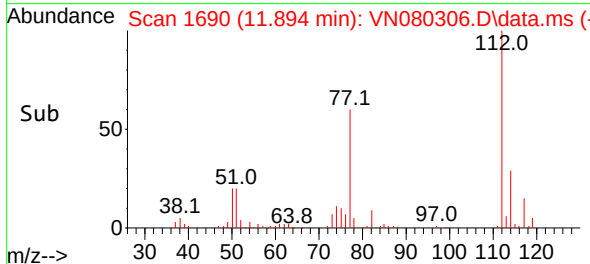
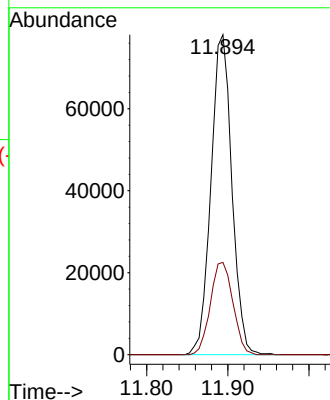
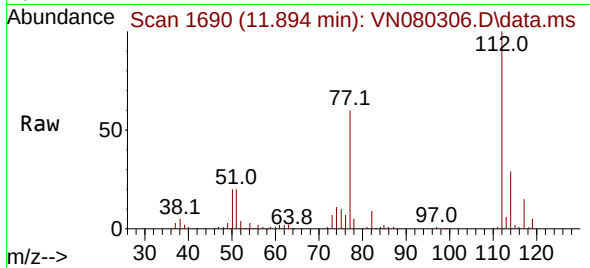
#65
Chlorobenzene
Concen: 19.235 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:112 Resp: 13974
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4

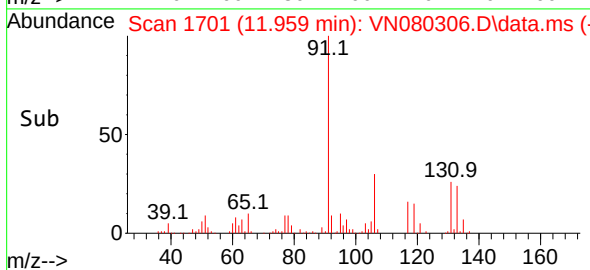
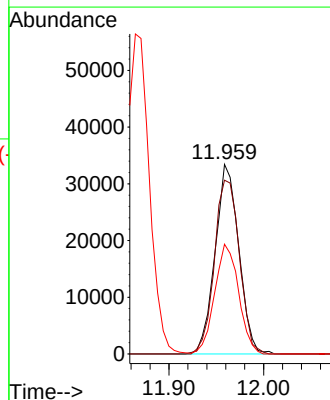
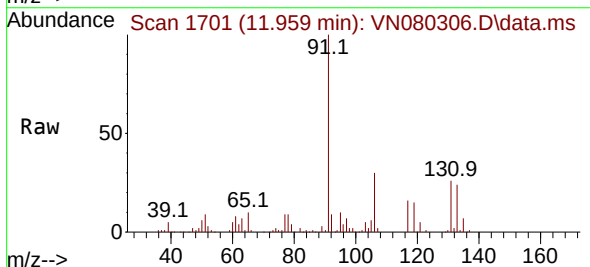
Manual Integrations
APPROVED

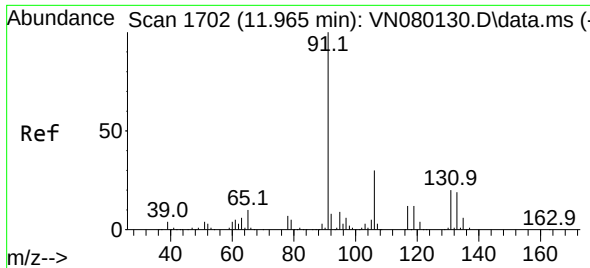
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.661 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:131 Resp: 58249
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 58.4 34.1 102.2





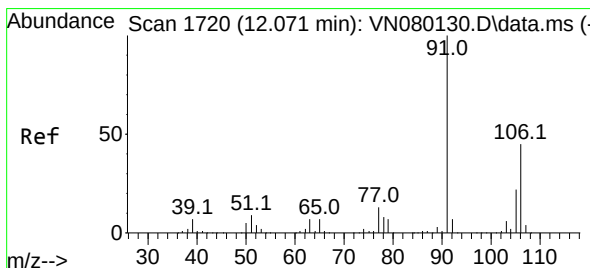
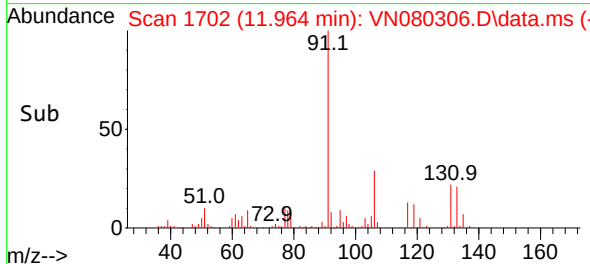
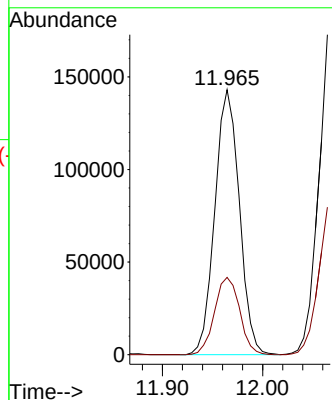
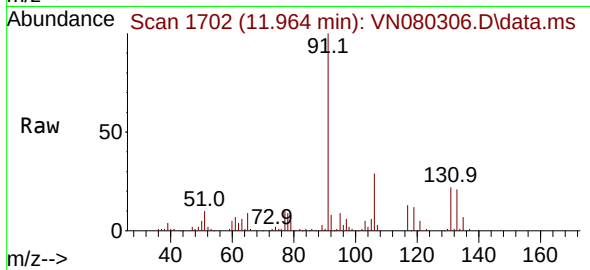
#67
Ethyl Benzene
Concen: 18.784 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 91 Resp: 242825
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

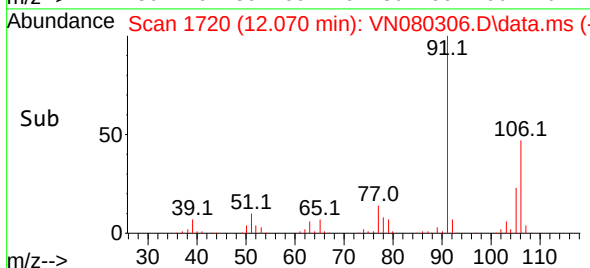
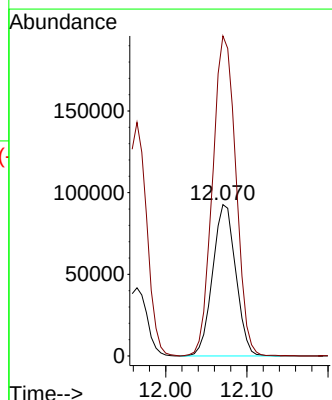
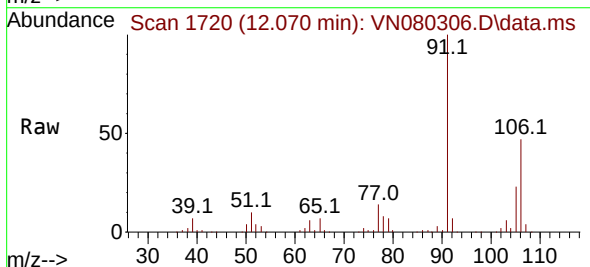
Manual Integrations
APPROVED

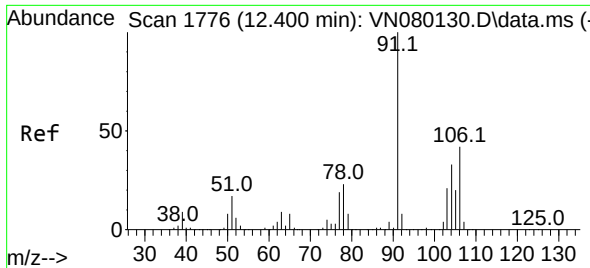
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
m/p-Xylenes
Concen: 38.922 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:106 Resp: 183457
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4





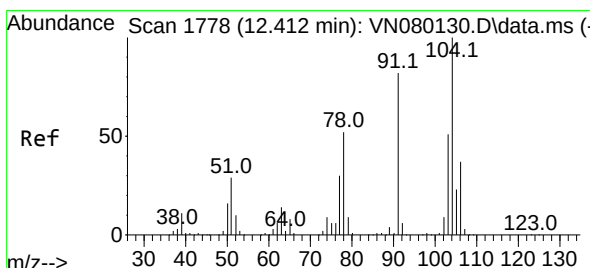
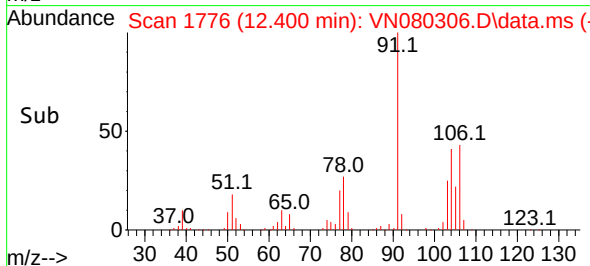
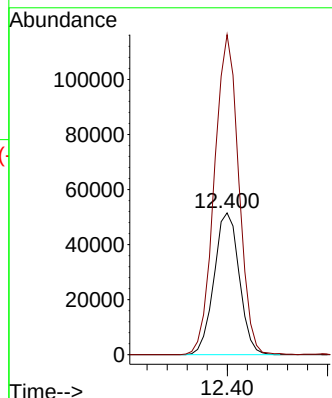
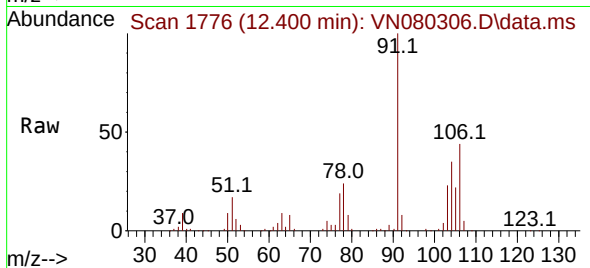
#69
o-Xylene
Concen: 20.229 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:106 Resp: 8985
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5

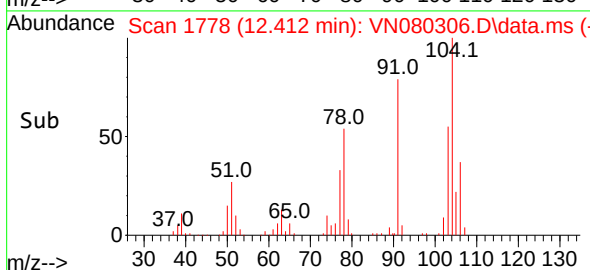
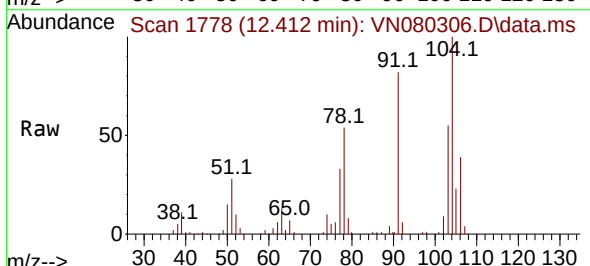
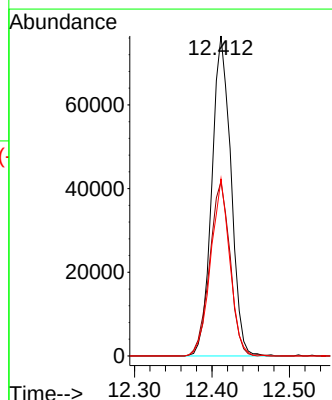
Manual Integrations
APPROVED

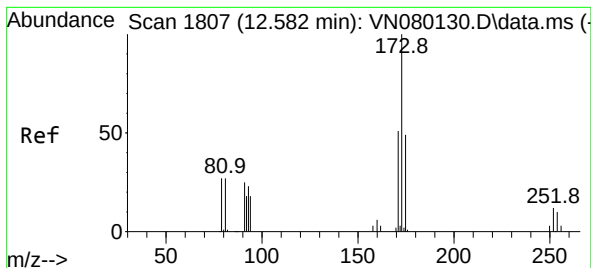
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 19.842 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:104 Resp: 131182
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 19.654 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

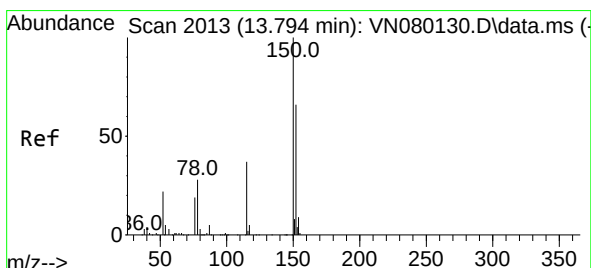
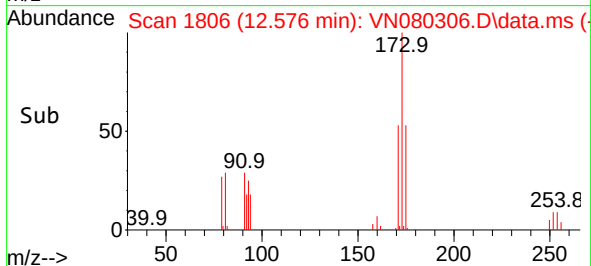
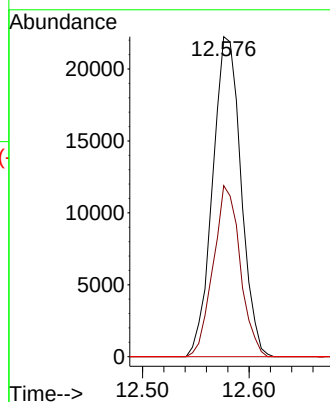
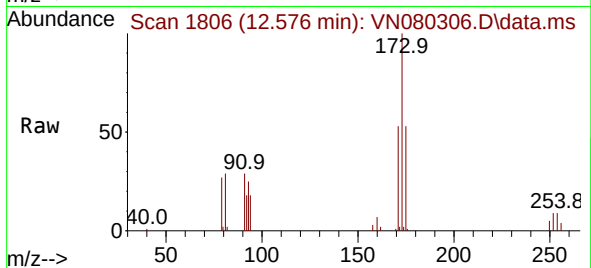
Tgt Ion:	173	Resp:	41090
Ion Ratio	Lower	Upper	
173	100		
175	50.8	24.3	73.0
254	0.0	0.0	0.0

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

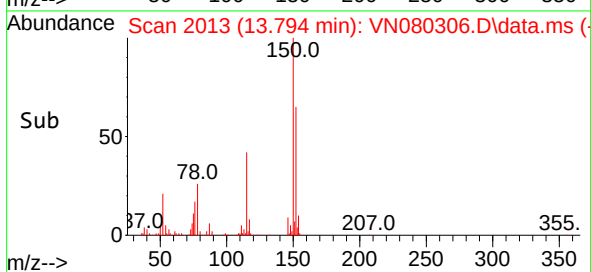
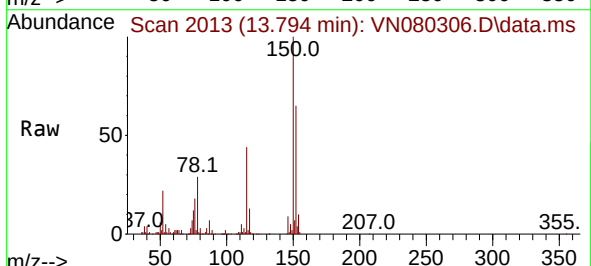
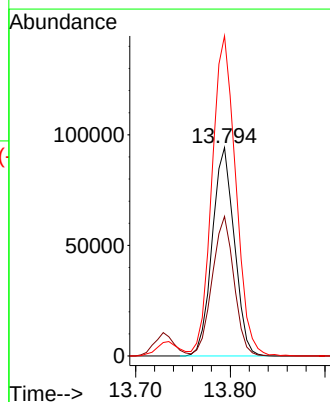
RT: 13.794 min Scan# 2013

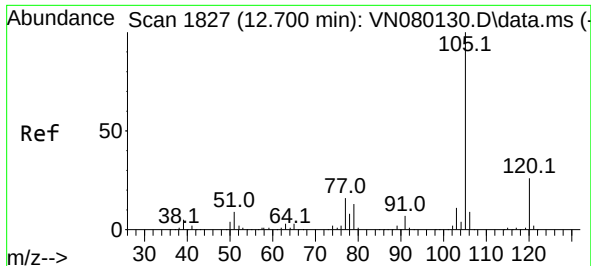
Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Tgt Ion:	152	Resp:	152916
Ion Ratio	Lower	Upper	
152	100		
115	65.8	32.3	96.8
150	165.4	0.0	355.8





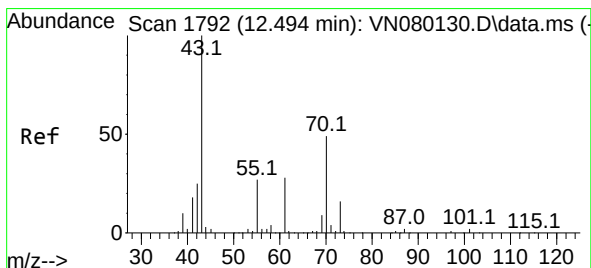
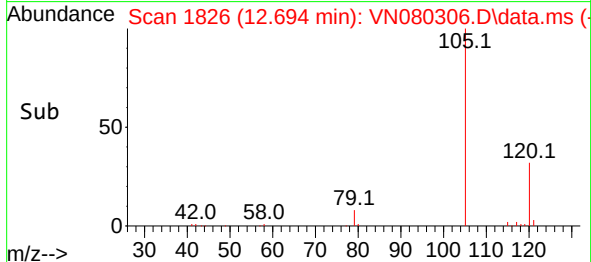
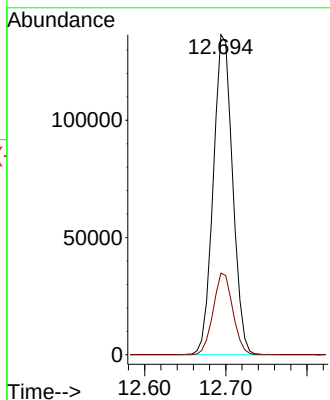
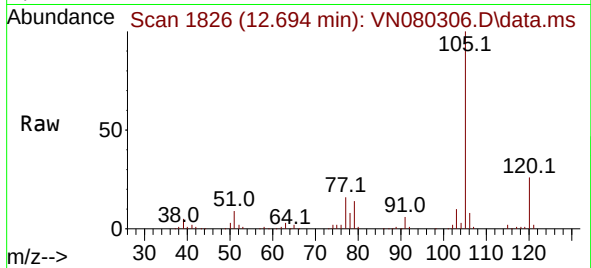
#73
Isopropylbenzene
Concen: 19.025 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:105 Resp: 226070
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

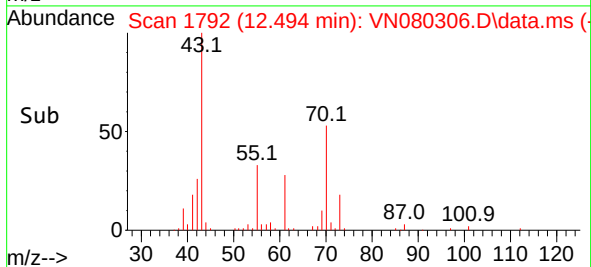
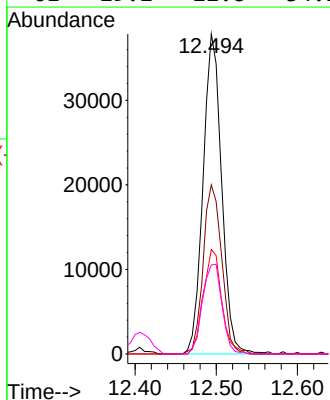
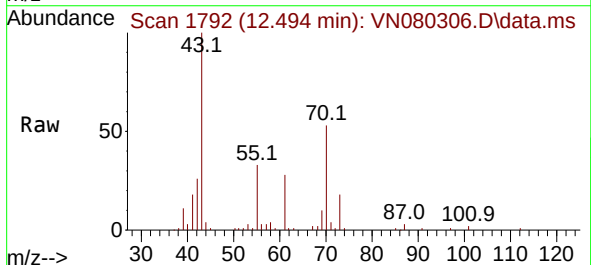
Manual Integrations
APPROVED

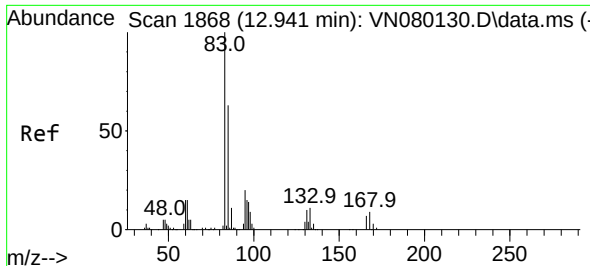
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#74
N-ethyl acetate
Concen: 16.205 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 43 Resp: 60048
Ion Ratio Lower Upper
43 100
70 52.8 43.4 65.2
55 32.5 21.4 32.0#
61 29.2 22.8 34.2





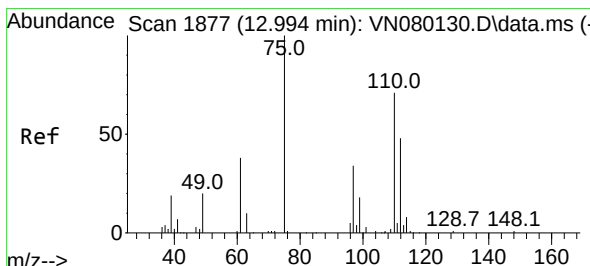
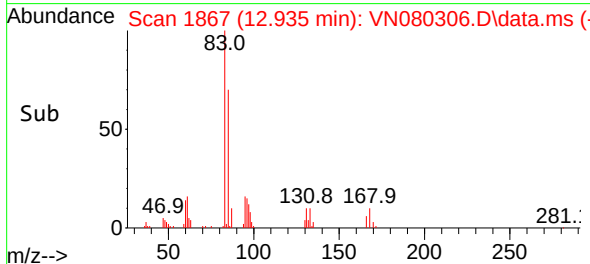
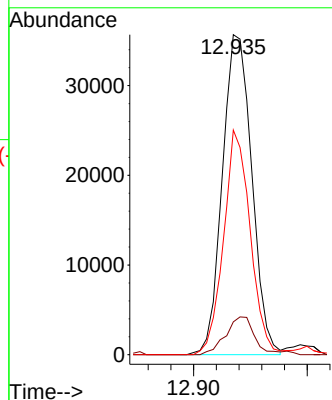
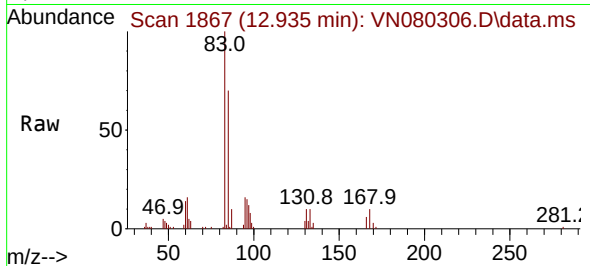
#75
1,1,2,2-Tetrachloroethane
Concen: 18.071 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 83 Resp: 64269
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 63.8 31.9 95.7

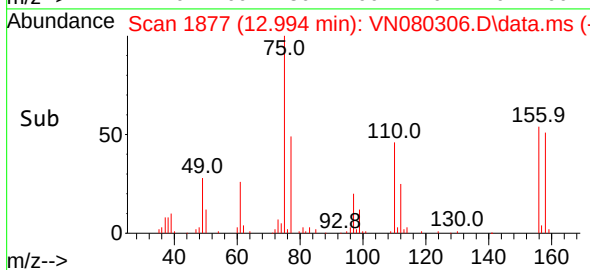
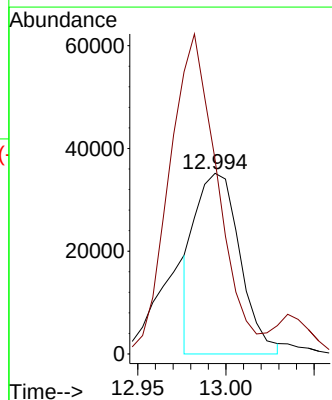
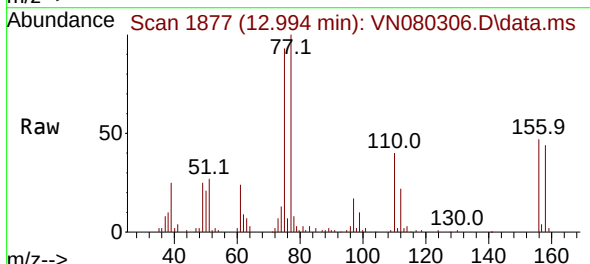
Manual Integrations
APPROVED

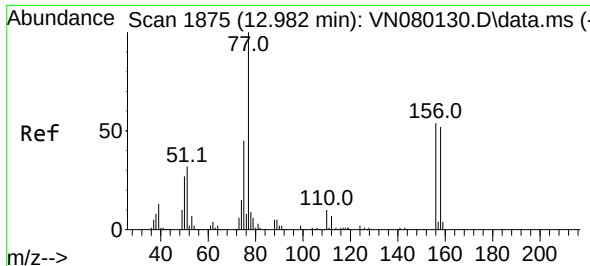
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 16.549 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 75 Resp: 62006
Ion Ratio Lower Upper
75 100
77 191.2 84.5 253.5





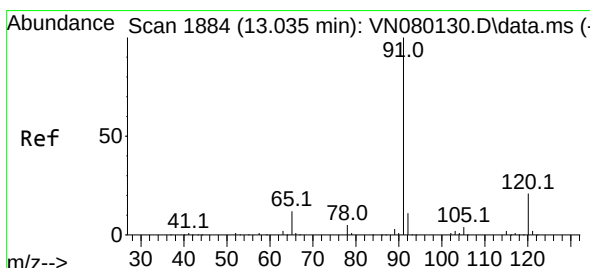
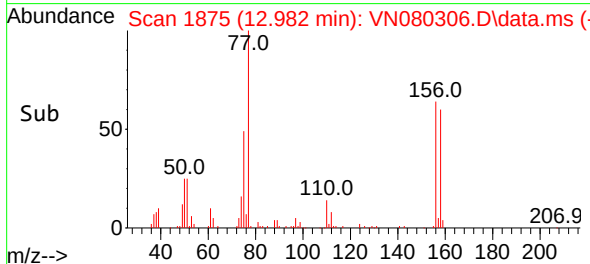
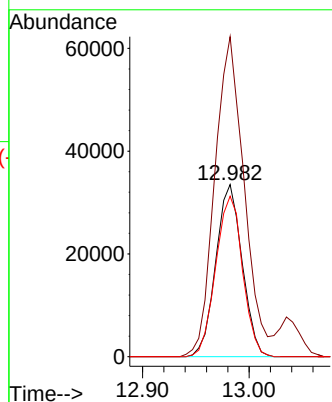
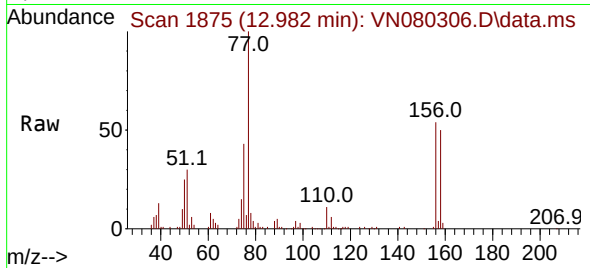
#77
Bromobenzene
Concen: 19.195 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:156 Resp: 5750
Ion Ratio Lower Upper
156 100
77 206.1 107.7 323.3
158 94.9 48.4 145.3

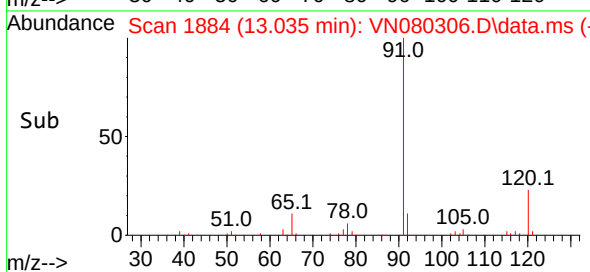
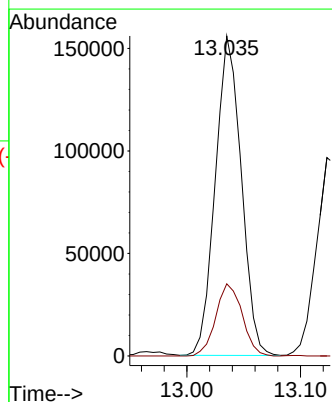
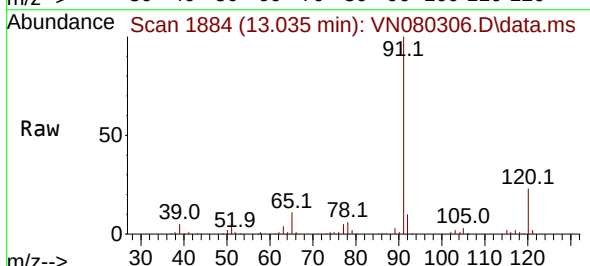
Manual Integrations
APPROVED

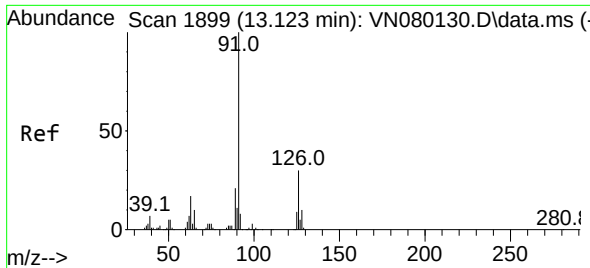
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#78
n-propylbenzene
Concen: 18.613 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion: 91 Resp: 247323
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





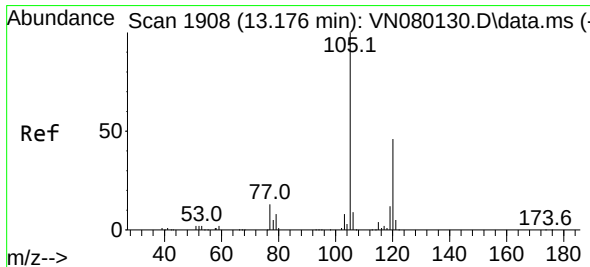
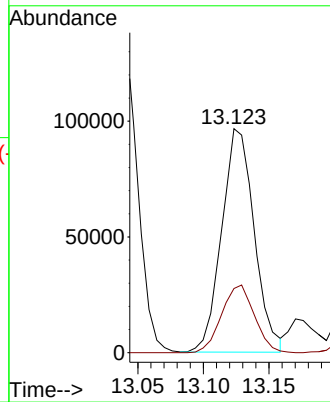
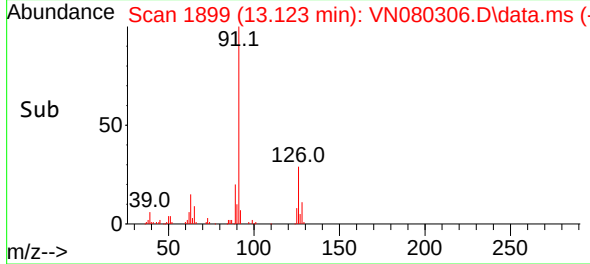
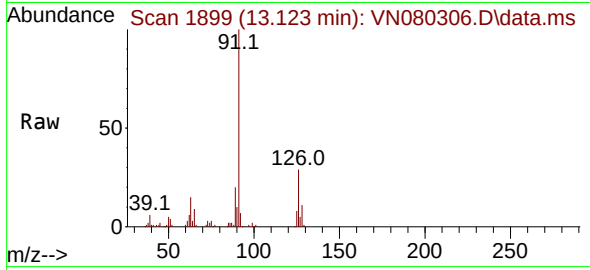
#79
2-Chlorotoluene
Concen: 19.330 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 91 Resp: 166824
Ion Ratio Lower Upper
91 100
126 30.4 16.3 48.8

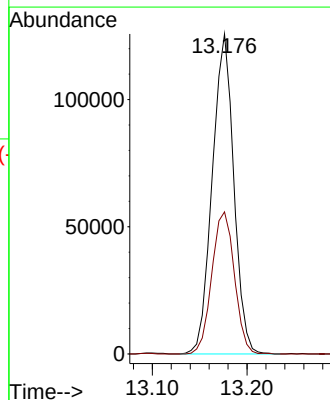
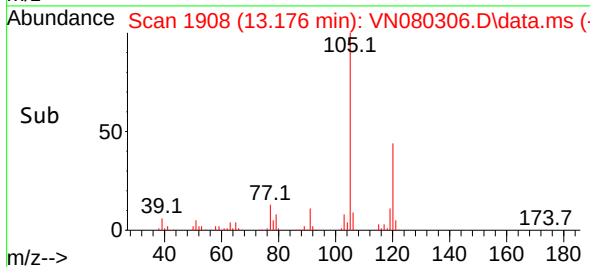
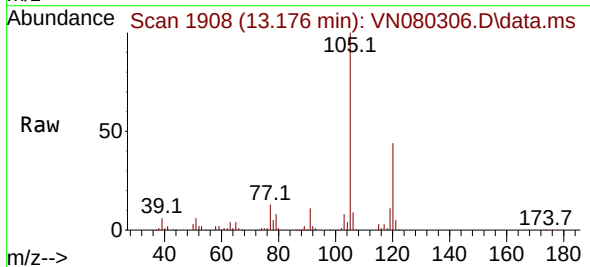
Manual Integrations
APPROVED

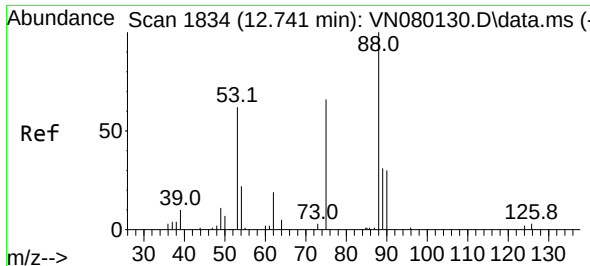
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.188 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:105 Resp: 198473
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





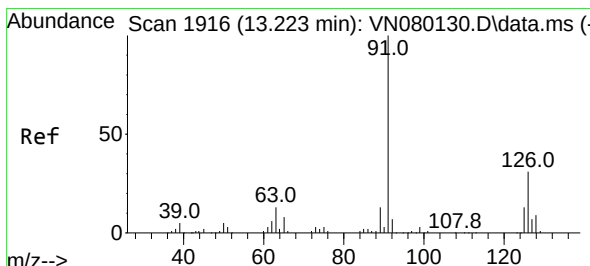
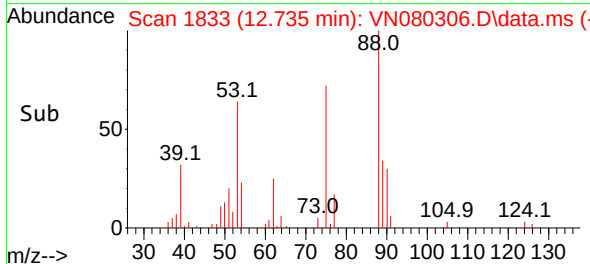
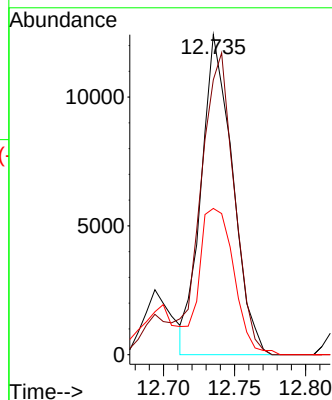
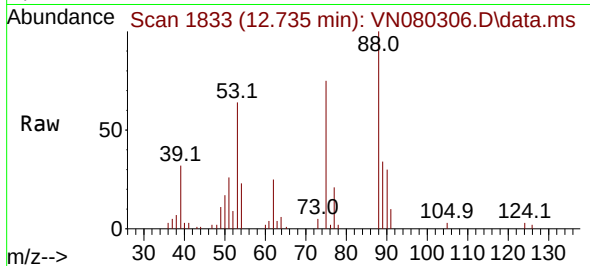
#81
trans-1,4-Dichloro-2-butene
Concen: 17.218 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 75 Resp: 19094
Ion Ratio Lower Upper
75 100
53 100.5 67.4 101.2
89 51.0 38.8 58.2

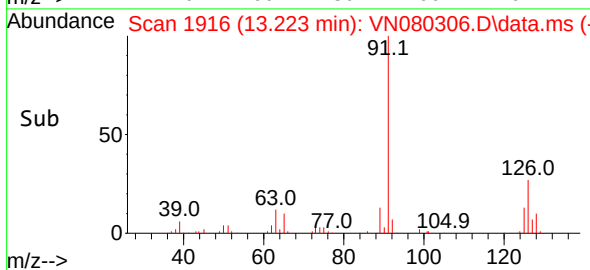
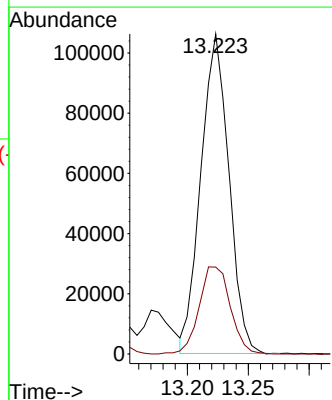
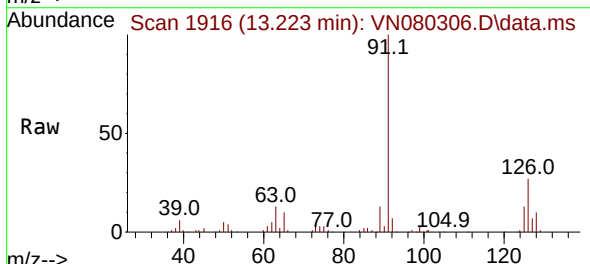
Manual Integrations
APPROVED

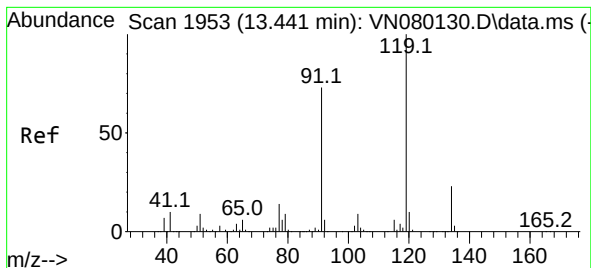
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#82
4-Chlorotoluene
Concen: 19.201 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

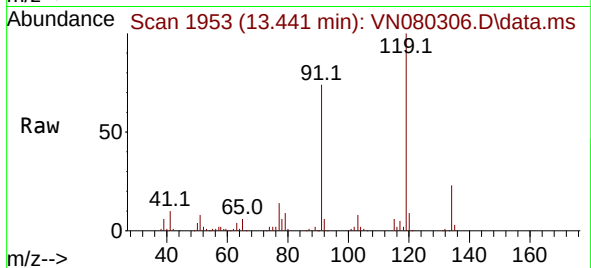
Tgt Ion: 91 Resp: 169757
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.450 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

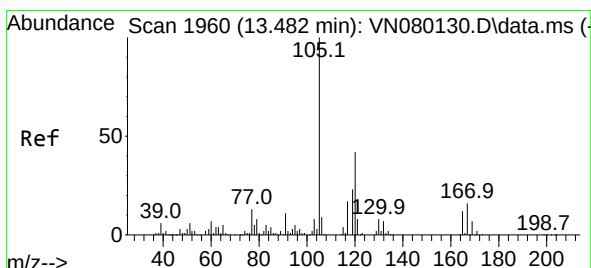
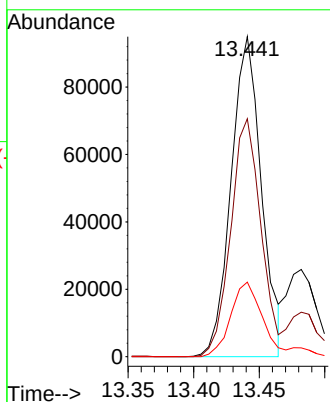
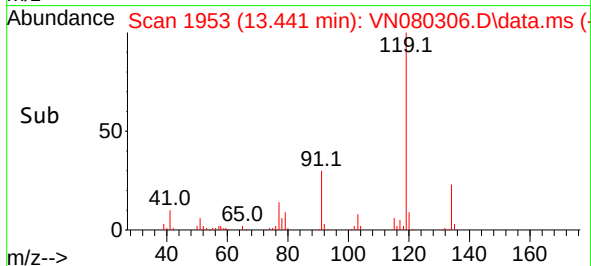
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



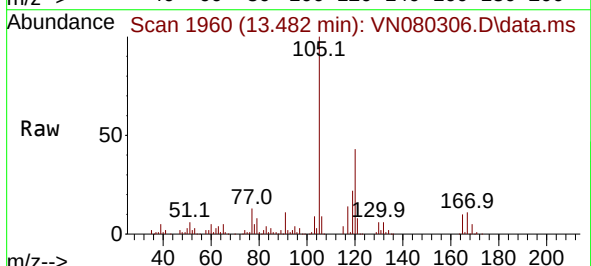
Tgt Ion:119 Resp: 15304
Ion Ratio Lower Upper
119 100
91 75.6 33.9 101.7
134 24.0 13.2 39.6

Manual Integrations
APPROVED

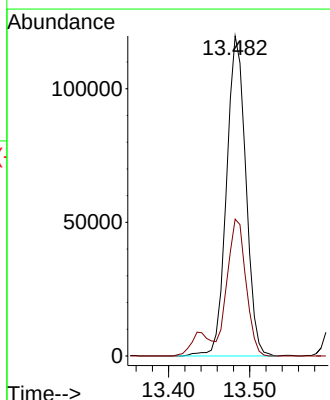
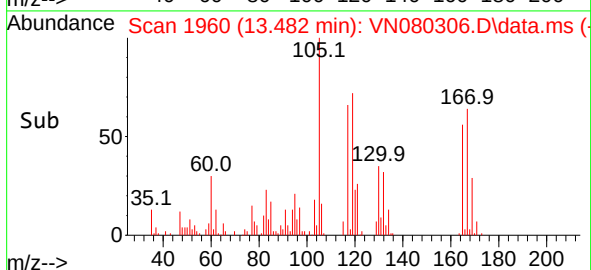
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

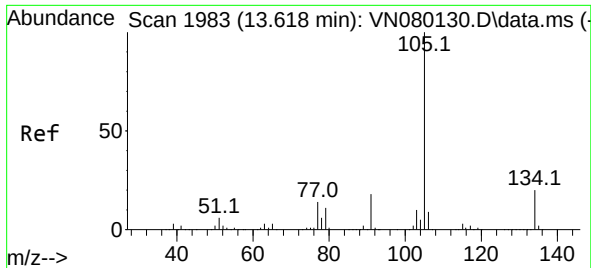


#84
1,2,4-Trimethylbenzene
Concen: 19.419 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion:105 Resp: 197793
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0





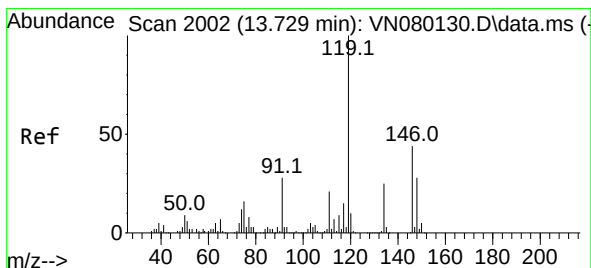
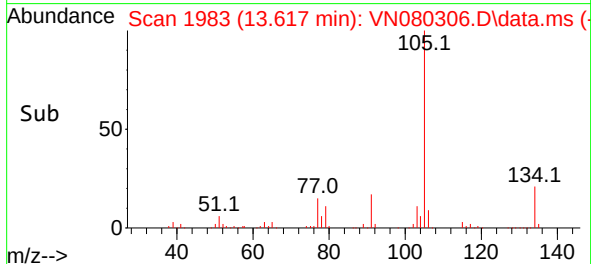
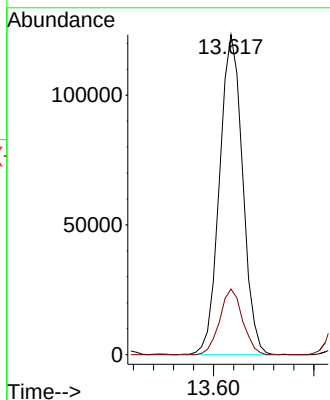
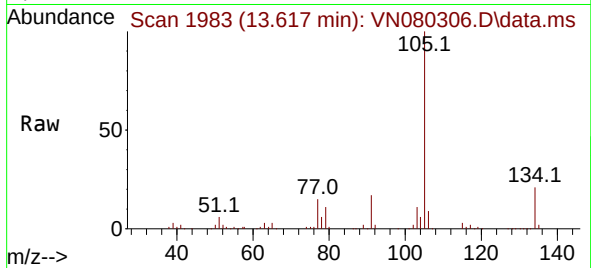
#85
 sec-Butylbenzene
 Concen: 18.787 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion:105 Resp: 197139
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

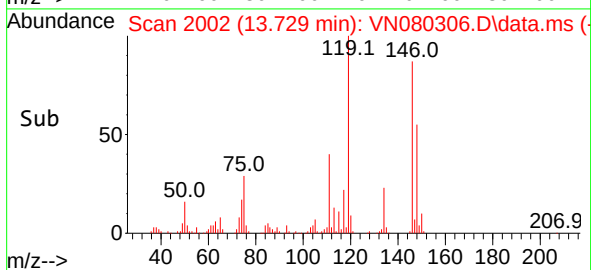
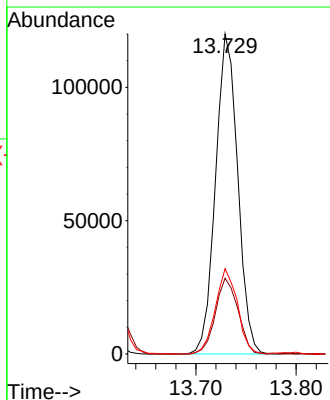
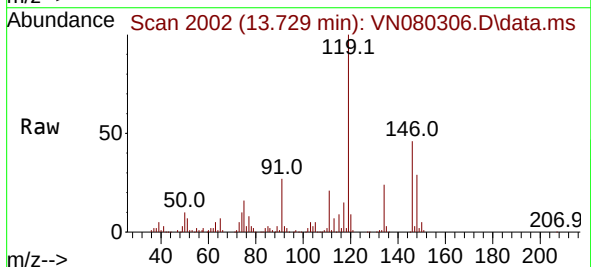
Manual Integrations
 APPROVED

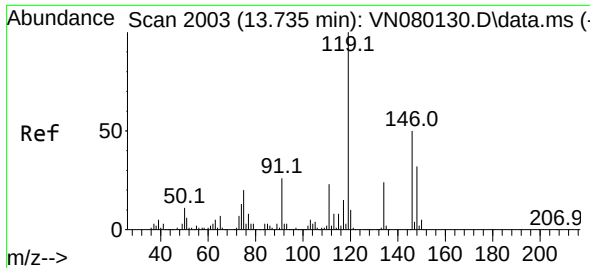
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#86
 p-Isopropyltoluene
 Concen: 19.631 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080306.D
 Acq: 29 Nov 2023 13:09

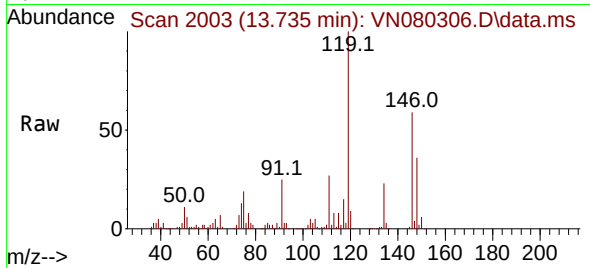
Tgt Ion:119 Resp: 184018
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 26.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.023 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

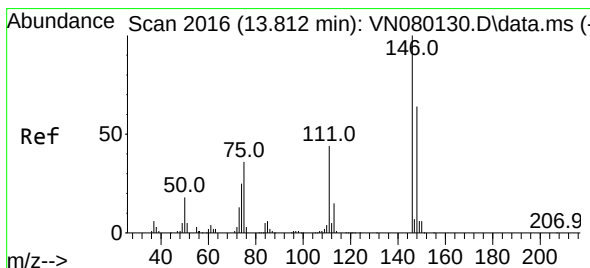
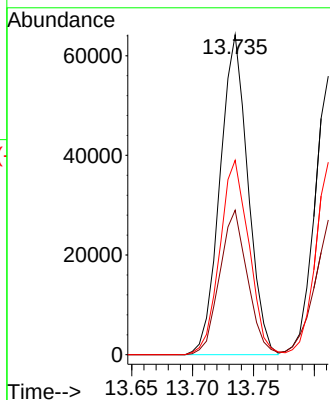
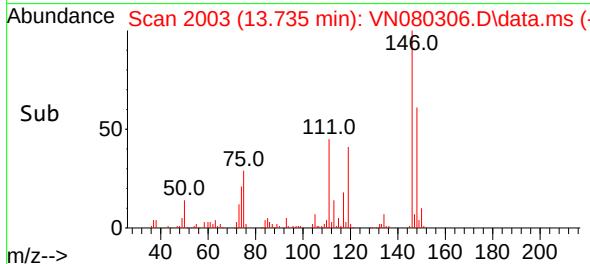
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



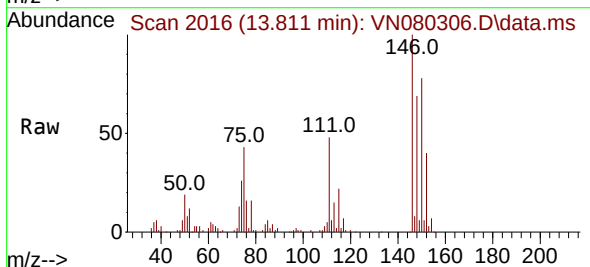
Tgt Ion:146 Resp: 102670
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
APPROVED

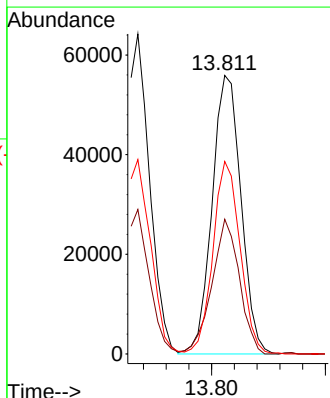
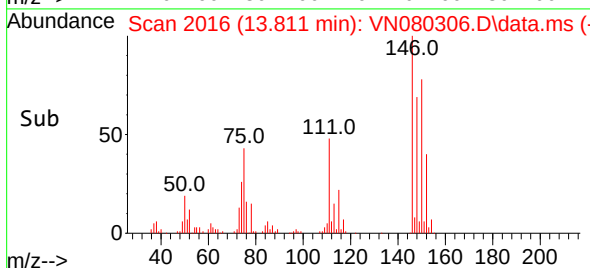
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

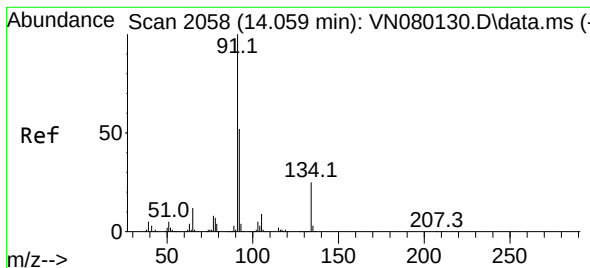


#88
1,4-Dichlorobenzene
Concen: 18.205 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion:146 Resp: 98751
Ion Ratio Lower Upper
146 100
111 46.1 20.6 61.8
148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 18.359 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

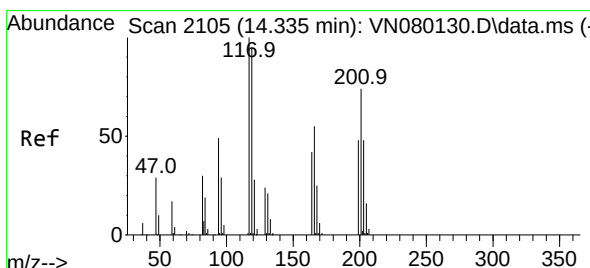
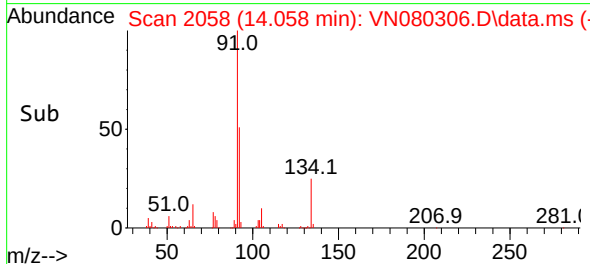
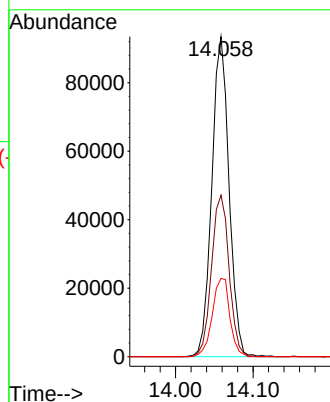
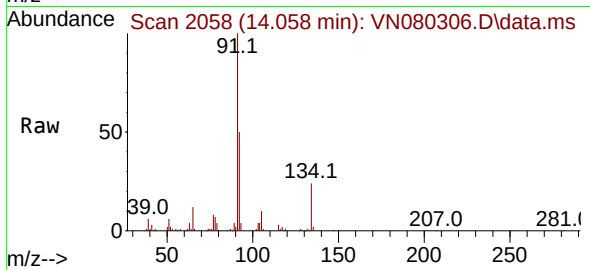
Tgt Ion:	91	Resp:	14404
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.4	79.0
134	25.0	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#90

Hexachloroethane

Concen: 17.768 ug/l

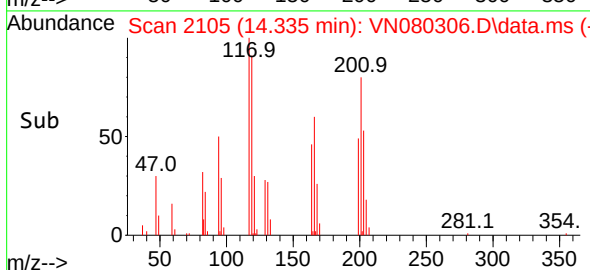
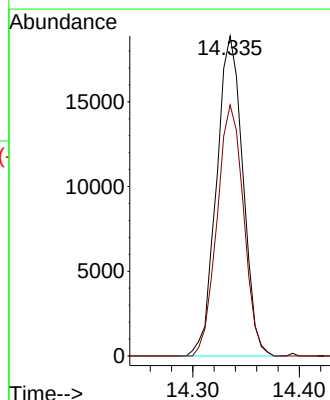
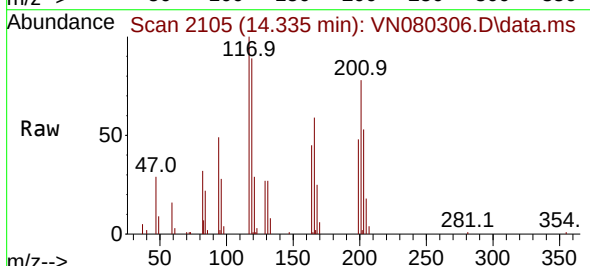
RT: 14.335 min Scan# 2105

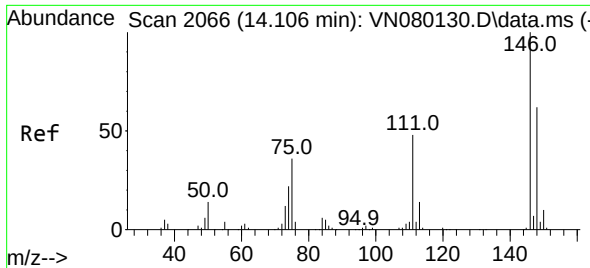
Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

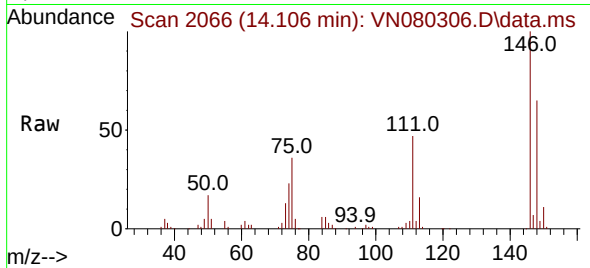
Tgt Ion:	117	Resp:	32470
Ion Ratio	Lower	Upper	
117	100		
201	79.0	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.750 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

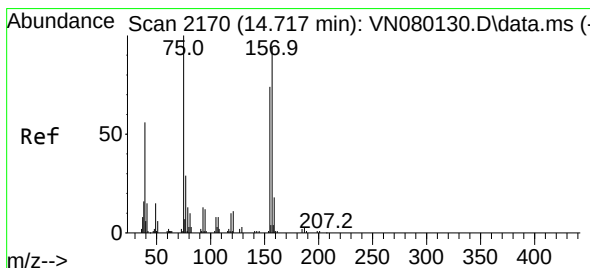
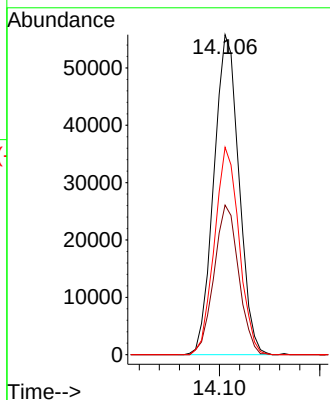
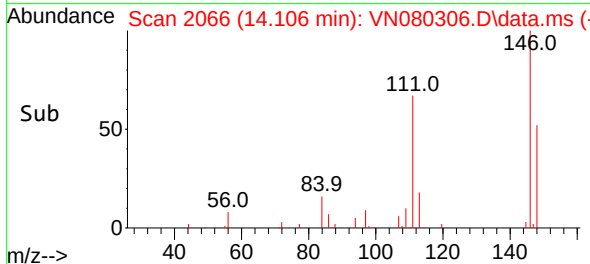
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



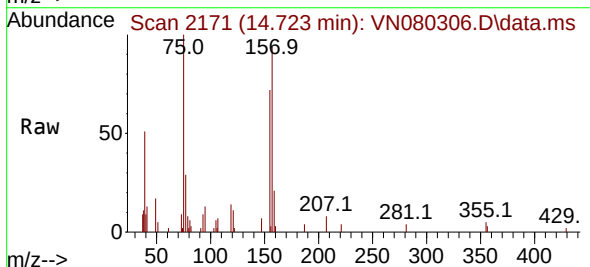
Tgt Ion:146 Resp: 96849
Ion Ratio Lower Upper
146 100
111 45.9 22.0 66.0
148 63.7 31.8 95.3

Manual Integrations
APPROVED

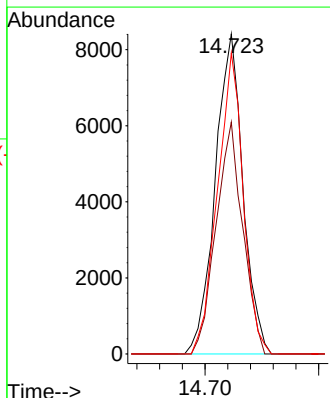
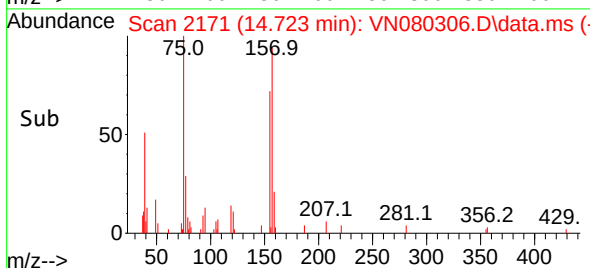
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

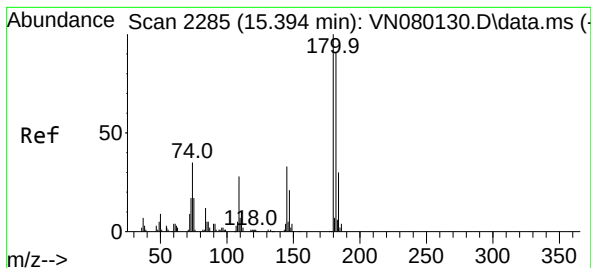


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.259 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09



Tgt Ion: 75 Resp: 14257
Ion Ratio Lower Upper
75 100
155 69.9 39.1 117.2
157 87.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.901 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion:180 Resp: 50772

Ion Ratio Lower Upper

180 100

182 91.6 46.1 138.2

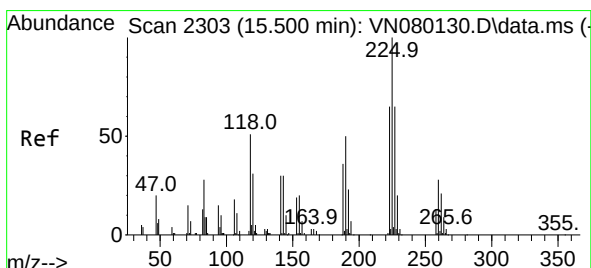
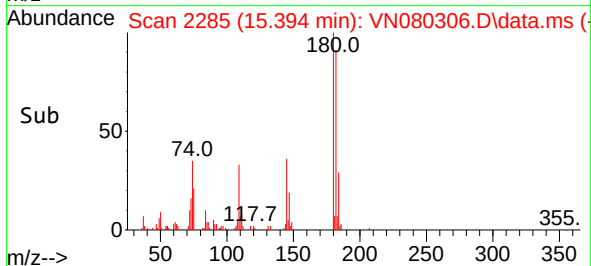
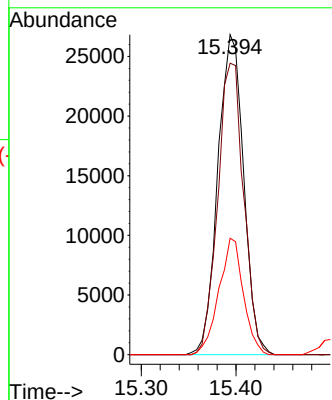
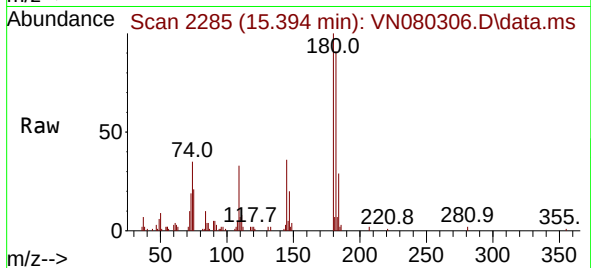
145 34.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#94

Hexachlorobutadiene

Concen: 17.231 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080306.D

Acq: 29 Nov 2023 13:09

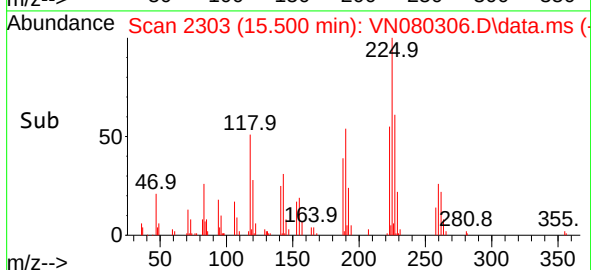
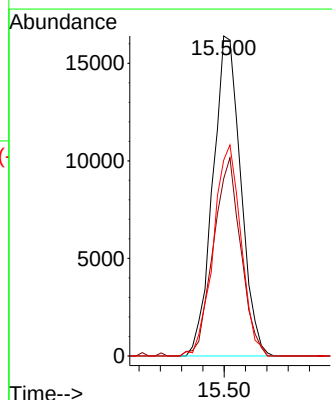
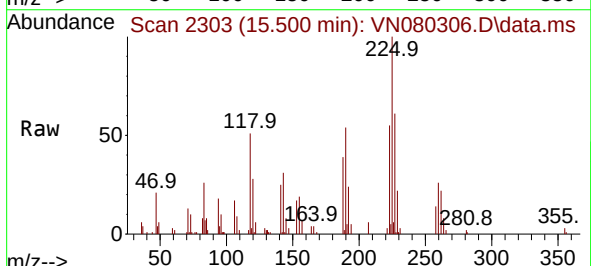
Tgt Ion:225 Resp: 29789

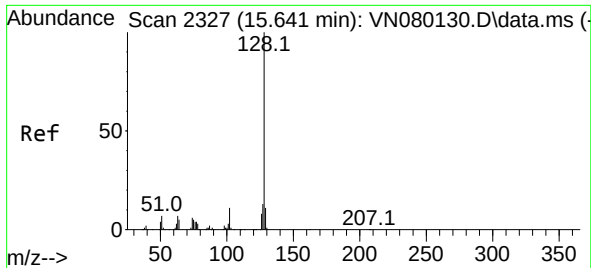
Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.8

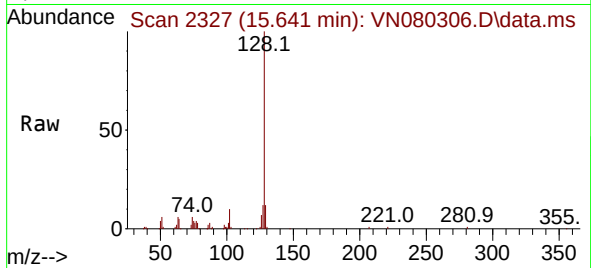
227 65.2 31.9 95.9





#95
Naphthalene
Concen: 14.489 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

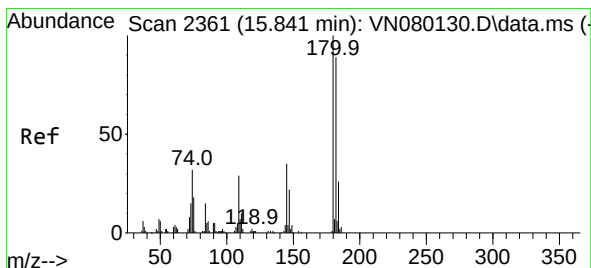
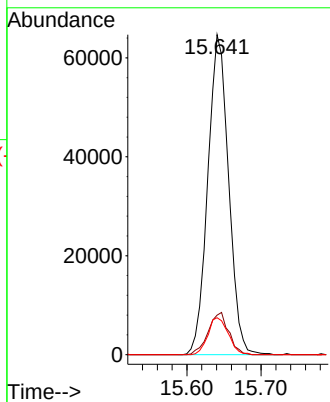
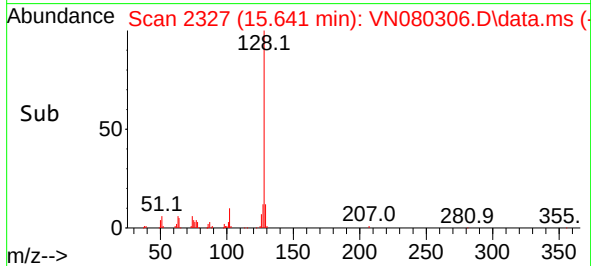
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:128 Resp: 12622
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.3 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: 16.213 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080306.D
Acq: 29 Nov 2023 13:09

Tgt Ion:180 Resp: 45653
Ion Ratio Lower Upper
180 100
182 100.5 46.2 138.6
145 38.7 17.5 52.6

