

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080106.D
 Acq On : 15 Nov 2023 13:31
 Operator : JC\MD
 Sample : VN1115WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Quant Time: Nov 15 21:51:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	165013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145273	57.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.560%			
35) Dibromofluoromethane	8.171	113	106738	55.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.420%			
50) Toluene-d8	10.571	98	350232	49.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.420%			
62) 4-Bromofluorobenzene	12.853	95	135662	57.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33880	17.045	ug/l	98
3) Chloromethane	2.365	50	27706	10.365	ug/l	98
4) Vinyl Chloride	2.512	62	66511	25.564	ug/l	100
5) Bromomethane	2.959	94	20409	12.910	ug/l	98
6) Chloroethane	3.118	64	21226	10.325	ug/l	98
7) Trichlorofluoromethane	3.500	101	65616	20.277	ug/l	96
8) Diethyl Ether	3.959	74	22650	18.444	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	30862	16.452	ug/l	95
10) Methyl Iodide	4.583	142	35664	16.648	ug/l #	87
11) Tert butyl alcohol	5.518	59	29096	90.663	ug/l	98
12) 1,1-Dichloroethene	4.342	96	26954	15.175	ug/l	88
13) Acrolein	4.177	56	27659	98.843	ug/l	99
14) Allyl chloride	5.024	41	38412	14.120	ug/l	94
15) Acrylonitrile	5.724	53	83966	83.956	ug/l	97
16) Acetone	4.430	43	77309	87.545	ug/l	96
17) Carbon Disulfide	4.712	76	62728	12.243	ug/l	100
18) Methyl Acetate	5.018	43	64303	15.220	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	127833	20.904	ug/l	100
20) Methylene Chloride	5.277	84	39559	17.753	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	32930	16.623	ug/l	86
22) Diisopropyl ether	6.671	45	109013	17.291	ug/l #	89
23) Vinyl Acetate	6.606	43	264949	76.189	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	69561	18.153	ug/l	96
25) 2-Butanone	7.483	43	100318	77.577	ug/l	89
26) 2,2-Dichloropropane	7.488	77	66641	21.029	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	42068	17.753	ug/l	86
28) Bromochloromethane	7.818	49	36031	19.295	ug/l	95
29) Tetrahydrofuran	7.841	42	60591	72.018	ug/l	89
30) Chloroform	7.965	83	83829	20.140	ug/l	92
31) Cyclohexane	8.259	56	45894	13.815	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	73291	21.611	ug/l	99
36) 1,1-Dichloropropene	8.371	75	47888	17.348	ug/l	94
37) Ethyl Acetate	7.565	43	38750	15.306	ug/l	98
38) Carbon Tetrachloride	8.365	117	64559	23.206	ug/l	92
39) Methylcyclohexane	9.606	83	39424	15.176	ug/l	94
40) Benzene	8.606	78	150166	18.163	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21989	16.357	ug/l	95
42) 1,2-Dichloroethane	8.671	62	69908	24.206	ug/l	96
43) Isopropyl Acetate	8.694	43	71006	15.993	ug/l	96
44) Trichloroethene	9.353	130	37132	18.099	ug/l	98
45) 1,2-Dichloropropane	9.624	63	38702	18.317	ug/l	93
46) Dibromomethane	9.712	93	29322	20.324	ug/l	92
47) Bromodichloromethane	9.894	83	65578	21.313	ug/l	99
48) Methyl methacrylate	9.682	41	30867	15.873	ug/l	91
49) 1,4-Dioxane	9.700	88	13529	393.723	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	203447	81.395	ug/l	97
52) Toluene	10.629	92	97178	19.826	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66508	22.050	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	67796	20.621	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	39788	20.182	ug/l	98
56) Ethyl methacrylate	10.876	69	54777	19.479	ug/l	92
57) 1,3-Dichloropropane	11.165	76	71401	20.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	141076	98.981	ug/l	97
59) 2-Hexanone	11.200	43	147570	77.176	ug/l	96
60) Dibromochloromethane	11.359	129	48827	23.138	ug/l	100
61) 1,2-Dibromoethane	11.471	107	38070	19.239	ug/l	97
64) Tetrachloroethene	11.106	164	32327	19.938	ug/l	91
65) Chlorobenzene	11.894	112	104200	19.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	44053	22.516	ug/l	92
67) Ethyl Benzene	11.965	91	178725	18.890	ug/l	97
68) m/p-Xylenes	12.071	106	135913	38.563	ug/l	91
69) o-Xylene	12.400	106	66533	19.604	ug/l	89
70) Styrene	12.412	104	112126	20.558	ug/l	92
71) Bromoform	12.576	173	33134	23.849	ug/l #	99
73) Isopropylbenzene	12.700	105	164081	17.428	ug/l	99
74) N-amyl acetate	12.494	43	55277	13.451	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	54442	16.310	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52897m	18.163	ug/l	
77) Bromobenzene	12.982	156	43203	18.744	ug/l	97
78) n-propylbenzene	13.035	91	191682	17.779	ug/l	98
79) 2-Chlorotoluene	13.129	91	133225	19.343	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	148696	20.300	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	17055	15.933	ug/l	89
82) 4-Chlorotoluene	13.223	91	132759	19.398	ug/l	94
83) tert-Butylbenzene	13.441	119	116168	19.375	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	149169	20.699	ug/l	96
85) sec-Butylbenzene	13.617	105	154261	18.570	ug/l	99
86) p-Isopropyltoluene	13.735	119	132057	19.499	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	78912	18.404	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79820	18.340	ug/l	97
89) n-Butylbenzene	14.059	91	101682	17.431	ug/l	100
90) Hexachloroethane	14.335	117	25520	19.027	ug/l	74
91) 1,2-Dichlorobenzene	14.112	146	75925	18.757	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12115	21.402	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	38086	19.788	ug/l	96
94) Hexachlorobutadiene	15.506	225	19950	22.865	ug/l	97
95) Naphthalene	15.647	128	103428	15.846	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	37040	19.633	ug/l	97

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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

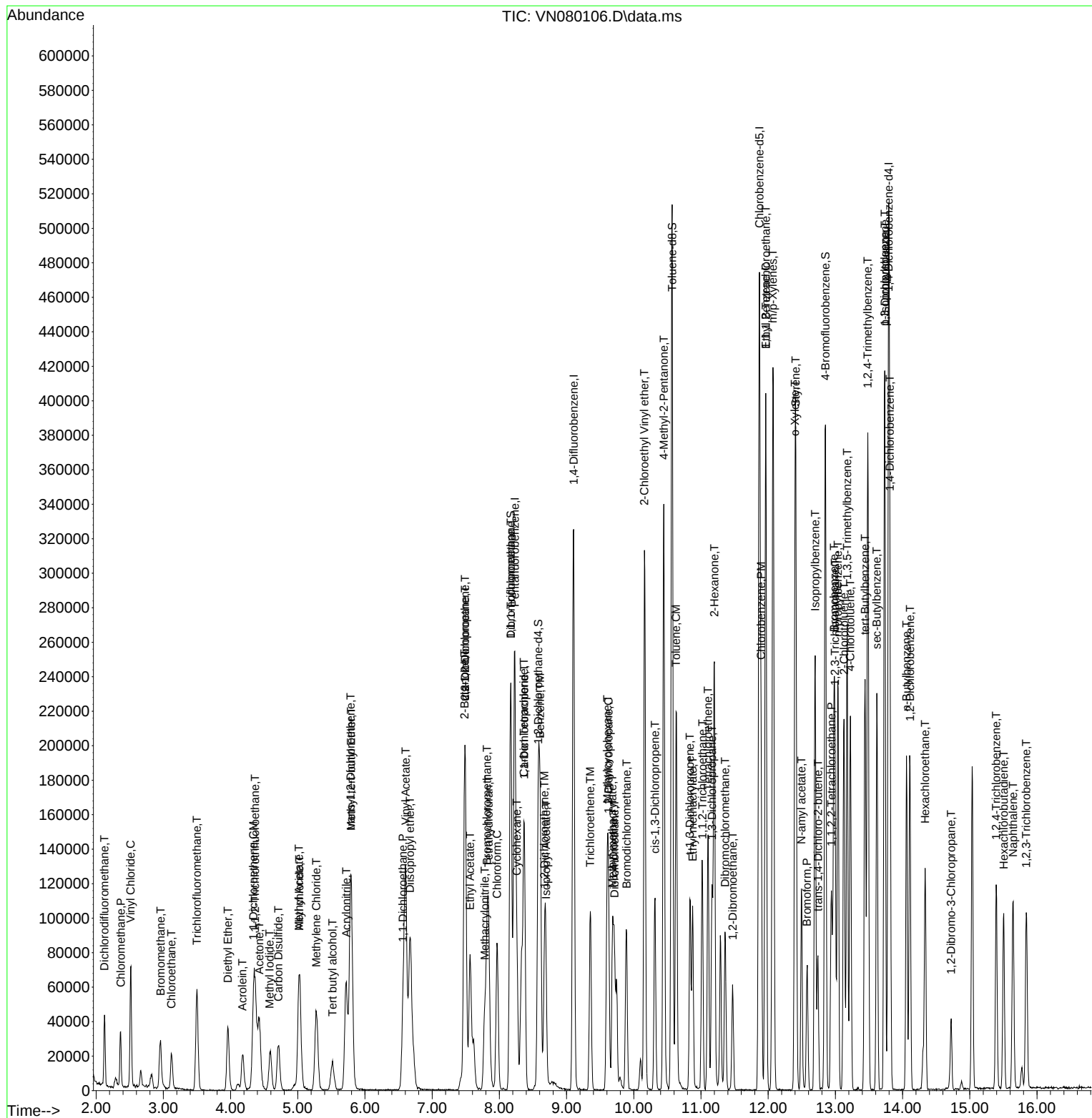
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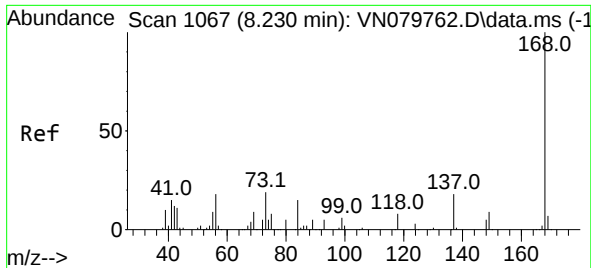
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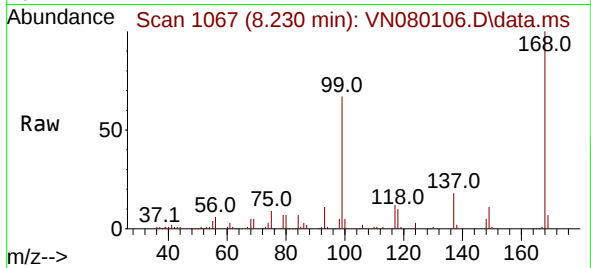
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080106.D
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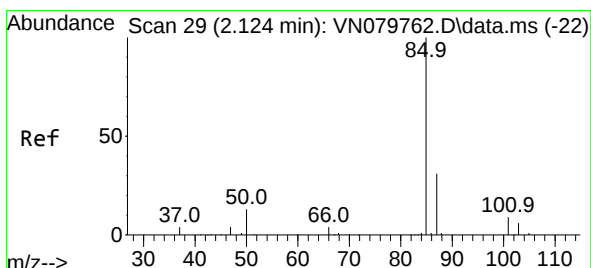
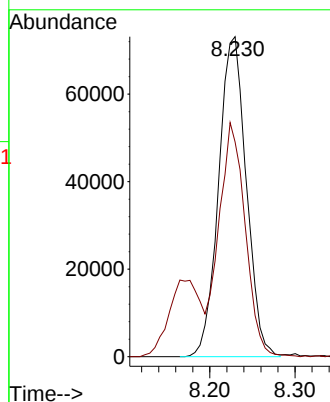
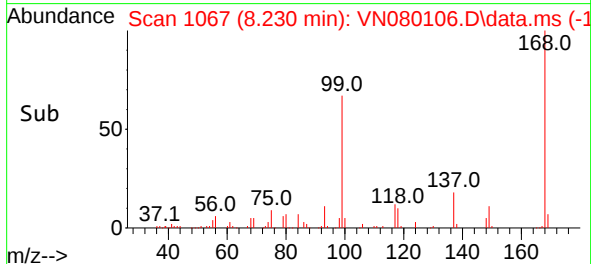
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Tgt Ion:168 Resp: 16501
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6

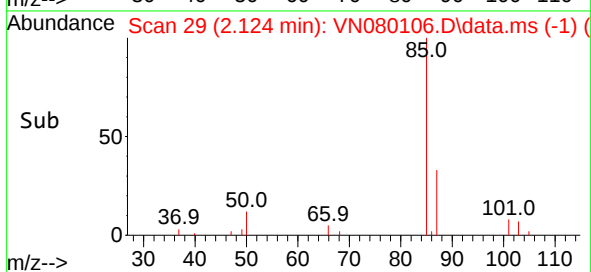
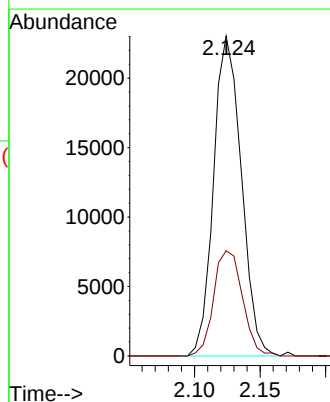
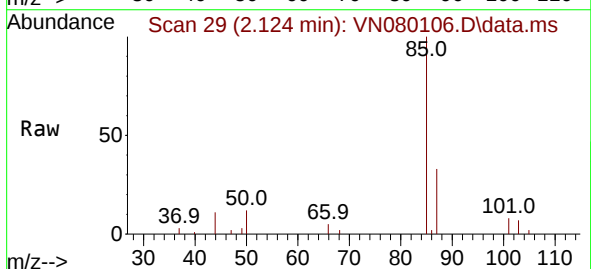
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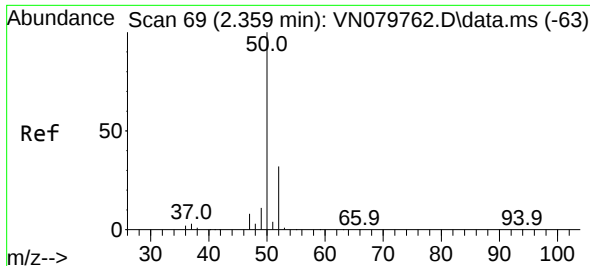
Reviewed By :John Carlone 11/16/2023
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#2
Dichlorodifluoromethane
Concen: 17.045 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 85 Resp: 33880
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





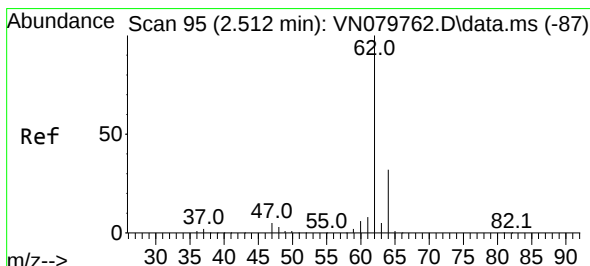
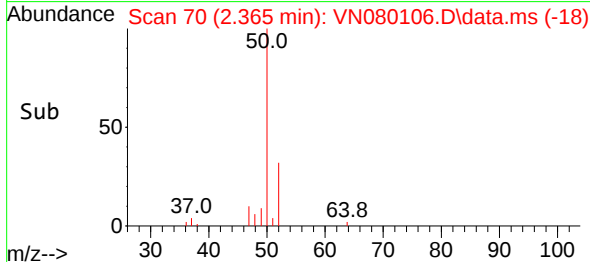
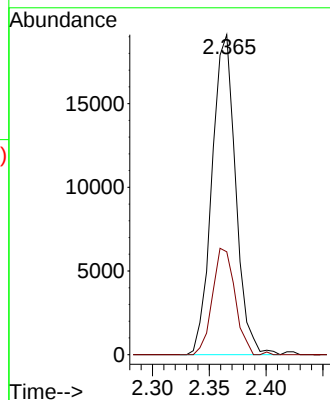
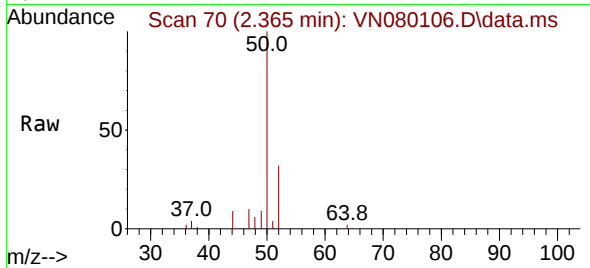
#3
Chloromethane
Concen: 10.365 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
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Tgt Ion: 50 Resp: 27700
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

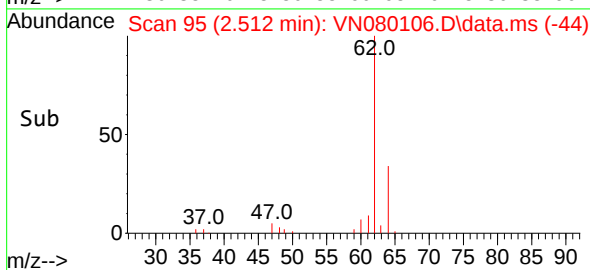
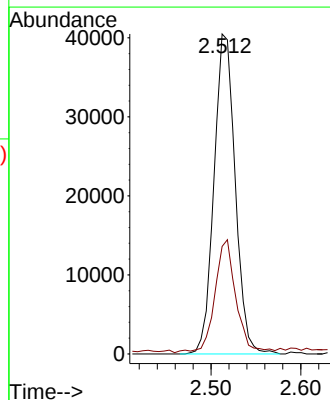
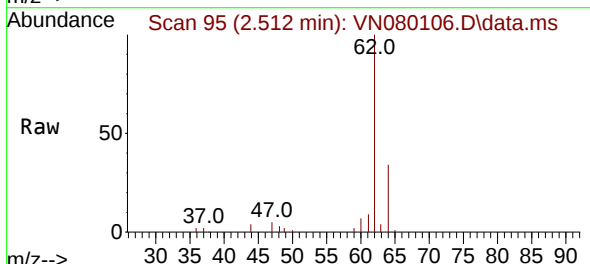
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#4
Vinyl Chloride
Concen: 25.564 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

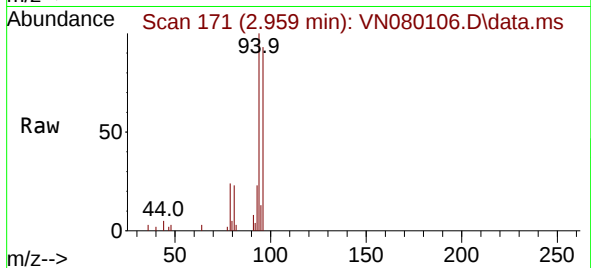
Tgt Ion: 62 Resp: 66511
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 12.910 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

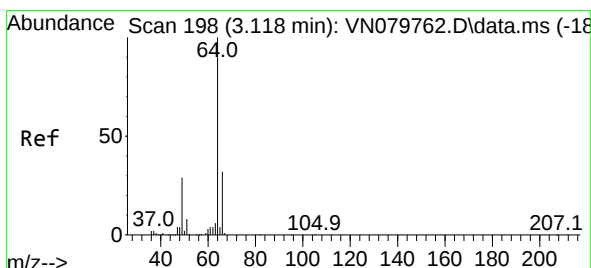
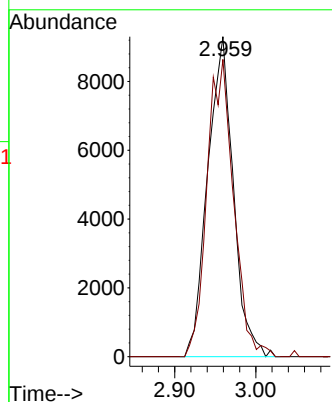
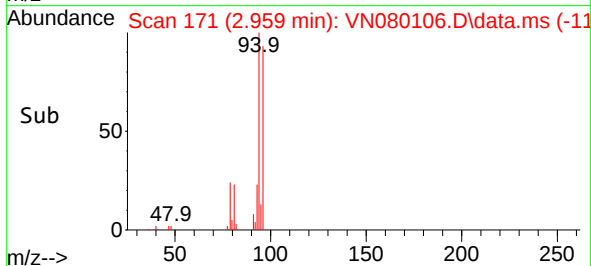
Instrument :
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Tgt Ion: 94 Resp: 20409
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7

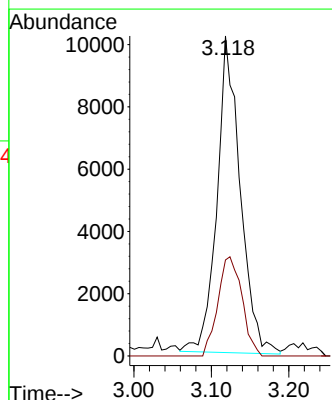
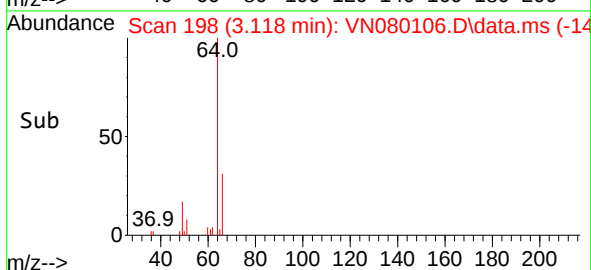
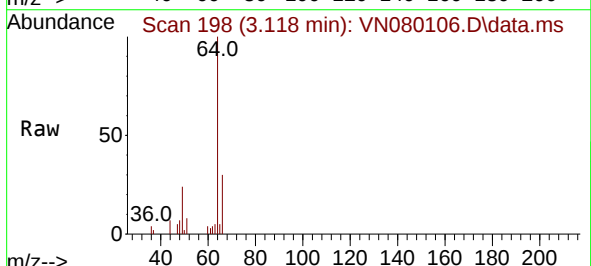
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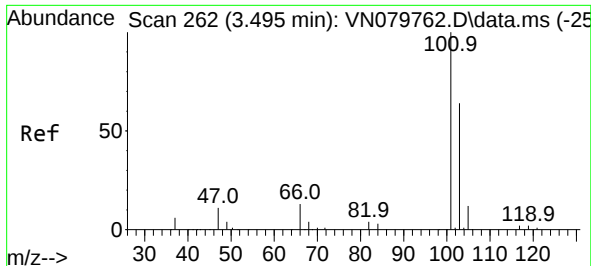
Reviewed By :John Carlone 11/16/2023
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#6
Chloroethane
Concen: 10.325 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 64 Resp: 21226
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





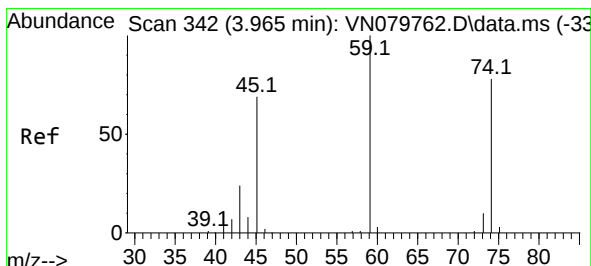
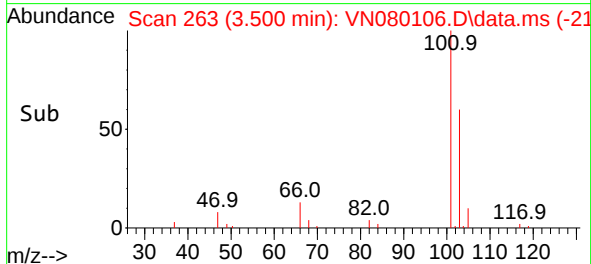
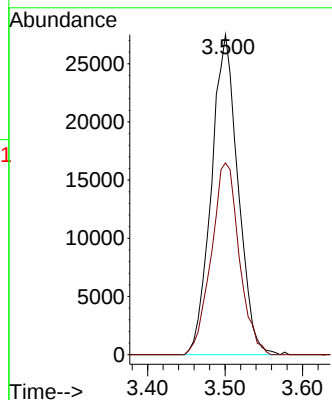
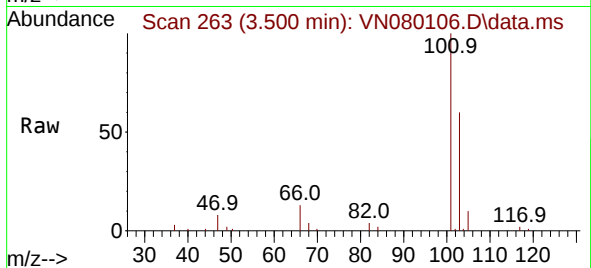
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Trichlorofluoromethane
Concen: 20.277 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
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Tgt Ion:101 Resp: 65610
Ion Ratio Lower Upper
101 100
103 59.9 50.7 76.1

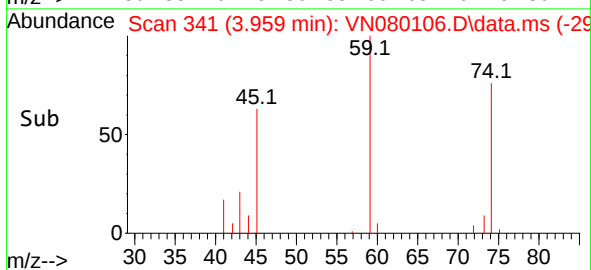
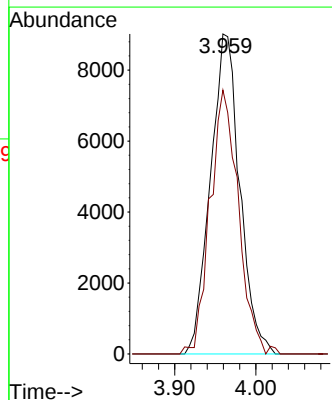
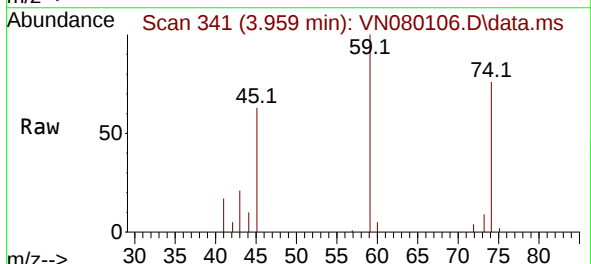
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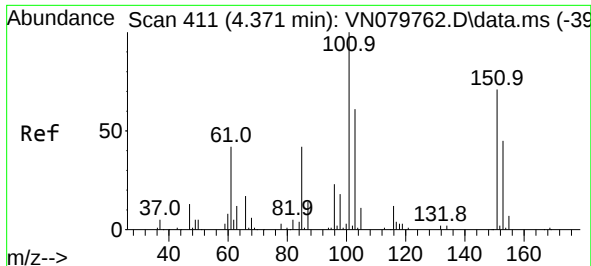
Reviewed By :John Carlone 11/16/2023
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#8
Diethyl Ether
Concen: 18.444 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 74 Resp: 22650
Ion Ratio Lower Upper
74 100
45 79.5 34.4 103.3





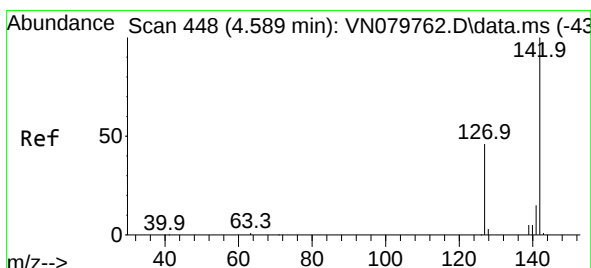
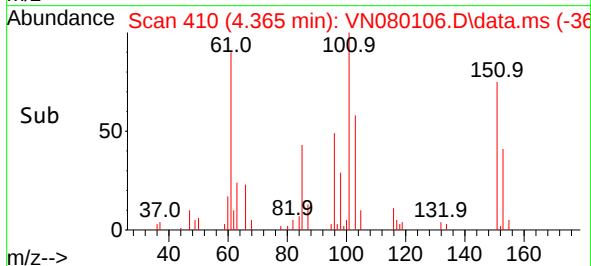
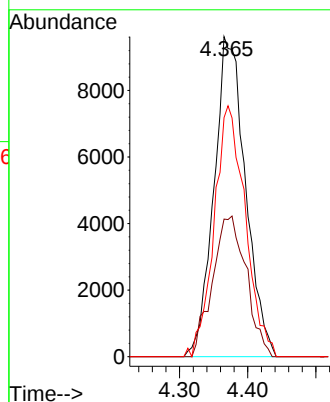
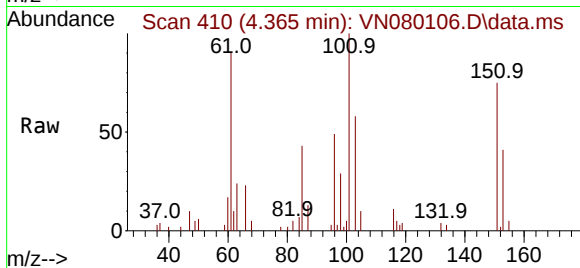
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.452 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:101 Resp: 30862
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 77.7 57.6 86.4

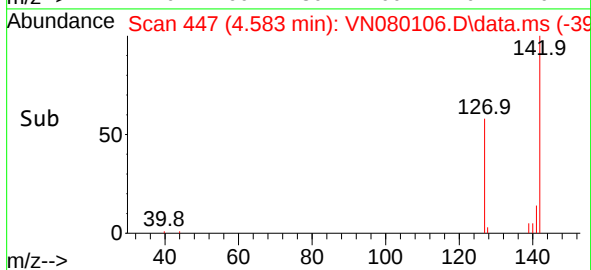
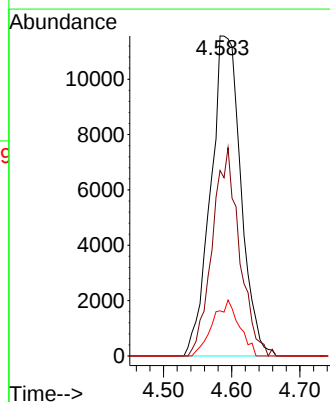
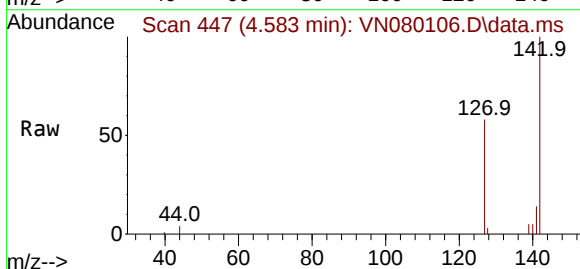
Manual Integrations
APPROVED

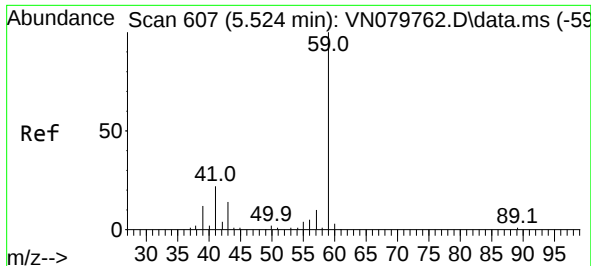
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 16.648 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:142 Resp: 35664
Ion Ratio Lower Upper
142 100
127 58.0 37.6 56.4#
141 14.1 11.4 17.0





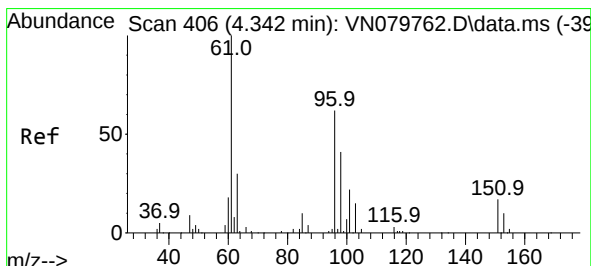
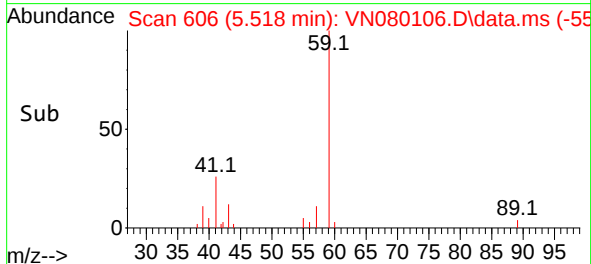
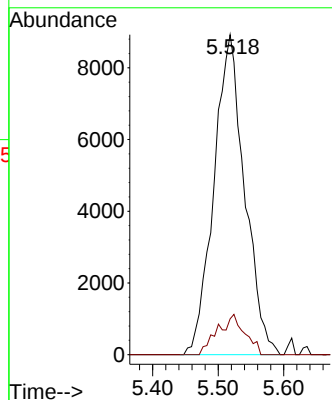
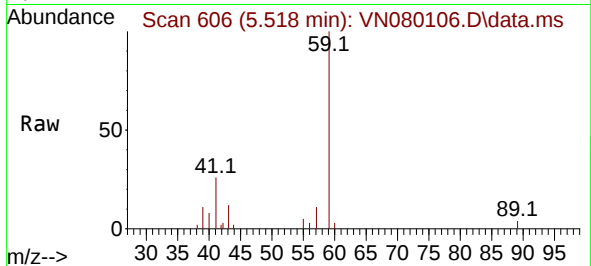
#11
Tert butyl alcohol
Concen: 90.663 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 59 Resp: 29090
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

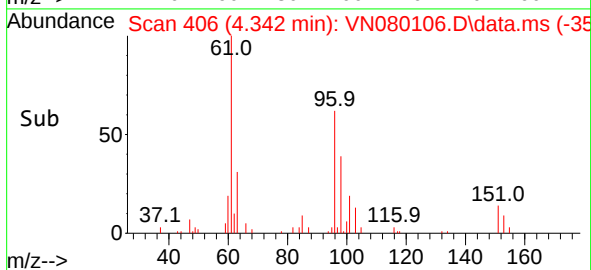
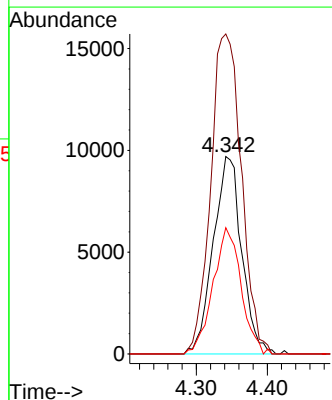
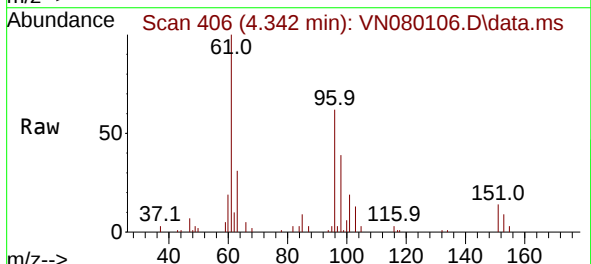
Manual Integrations
APPROVED

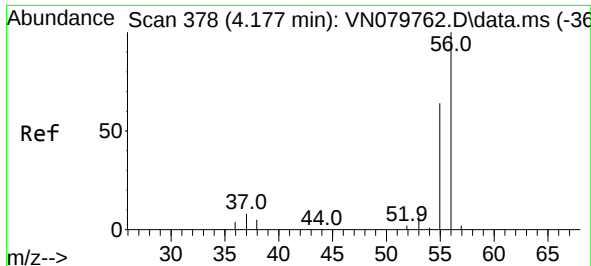
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 15.175 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

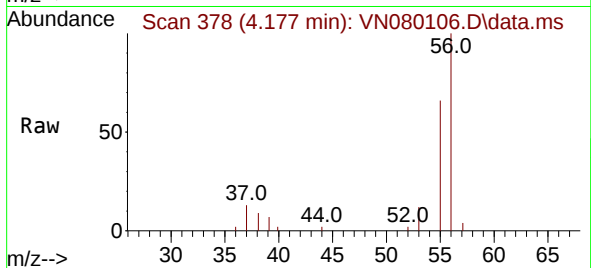
Tgt Ion: 96 Resp: 26954
Ion Ratio Lower Upper
96 100
61 162.0 112.7 169.1
98 63.9 51.2 76.8





#13
Acrolein
Concen: 98.843 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

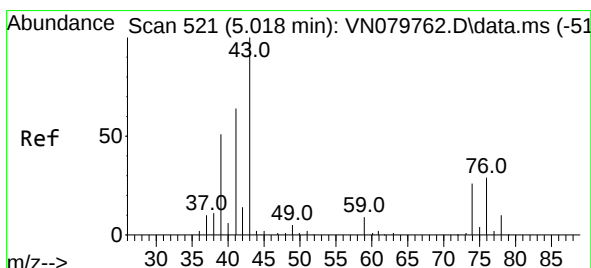
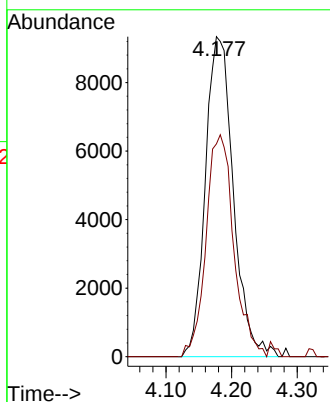
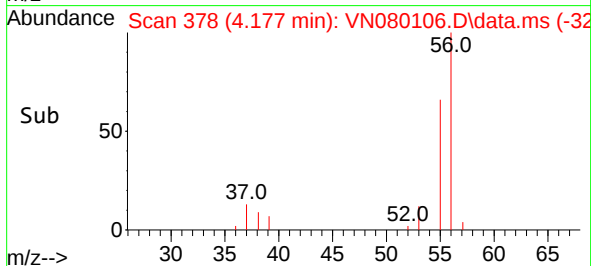
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



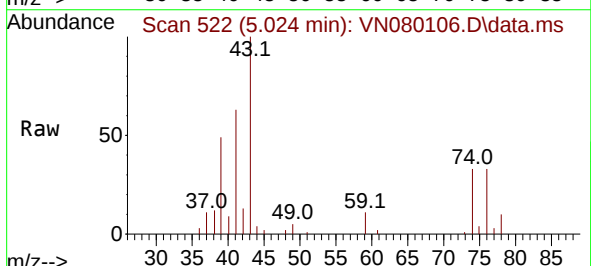
Tgt Ion: 56 Resp: 2765
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

Manual Integrations
APPROVED

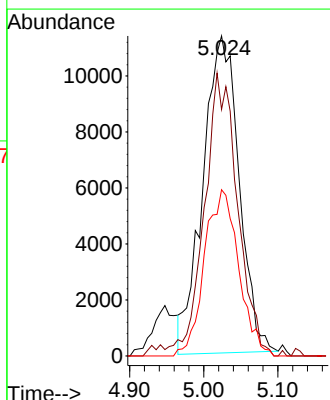
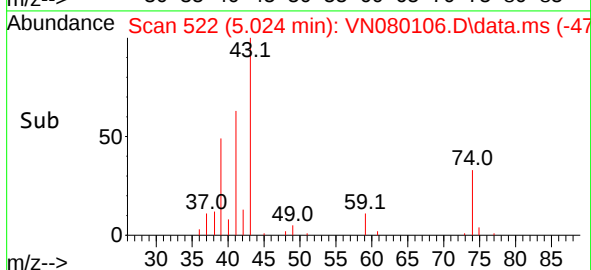
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

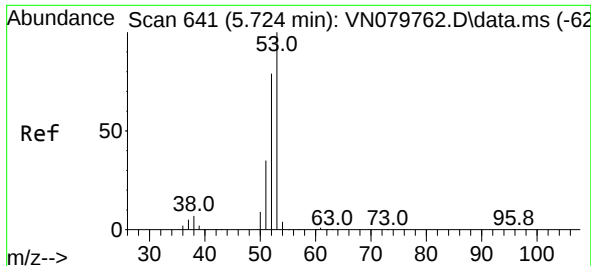


#14
Allyl chloride
Concen: 14.120 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



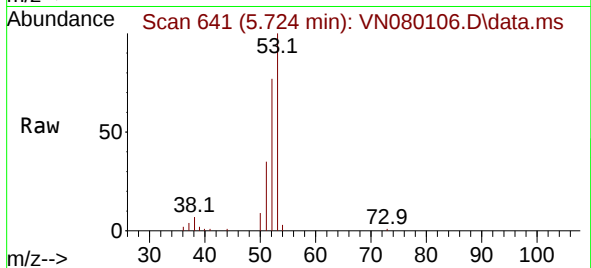
Tgt Ion: 41 Resp: 38412
Ion Ratio Lower Upper
41 100
39 81.8 58.8 88.2
76 49.5 39.1 58.7





#15
Acrylonitrile
Concen: 83.956 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

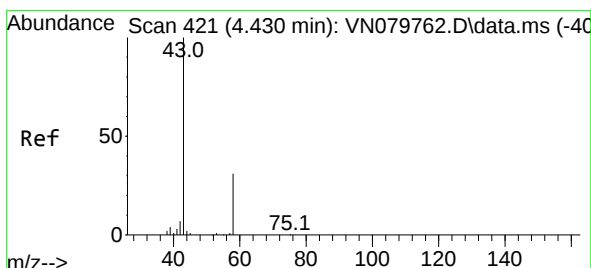
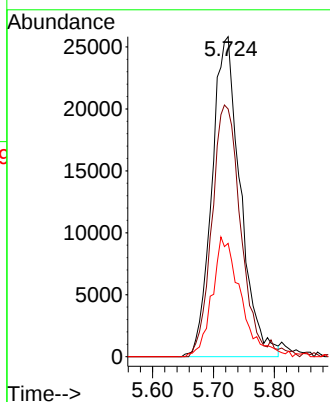
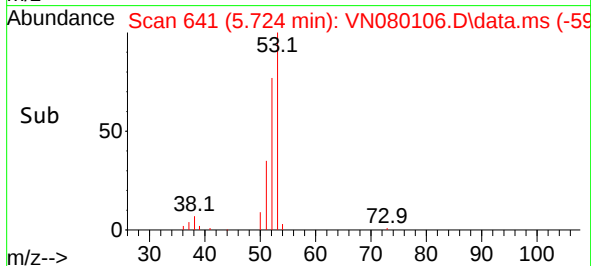
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



Tgt Ion: 53 Resp: 83960
Ion Ratio Lower Upper
53 100
52 78.5 65.3 97.9
51 37.7 28.9 43.3

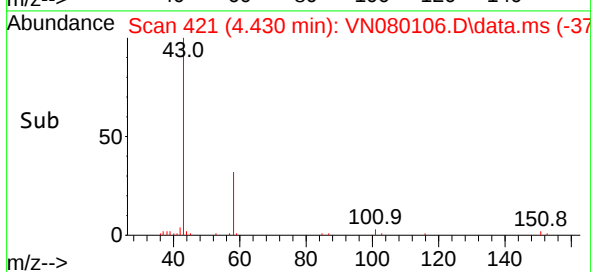
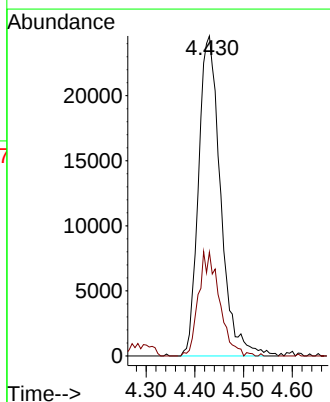
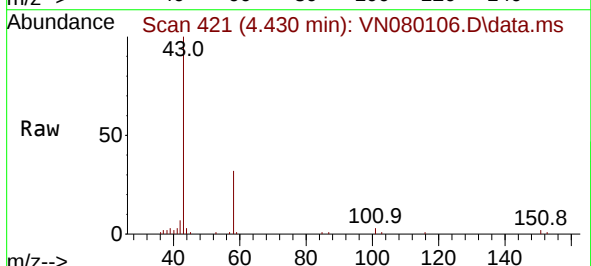
Manual Integrations
APPROVED

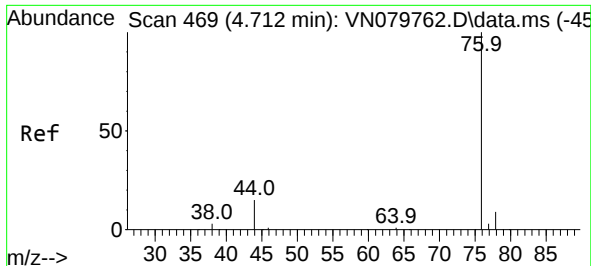
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 87.545 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

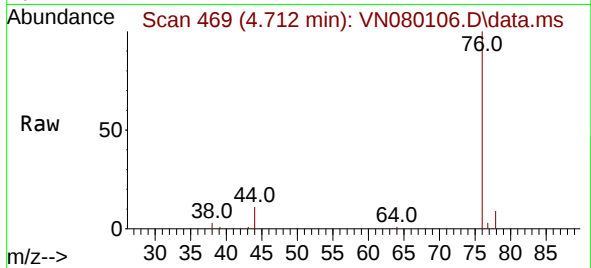
Tgt Ion: 43 Resp: 77309
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 12.243 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

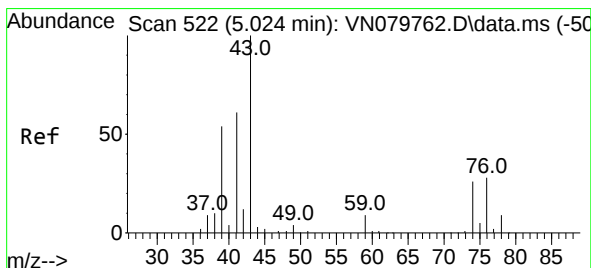
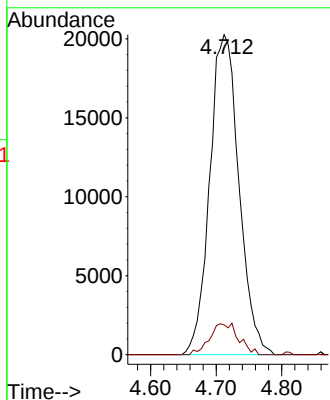
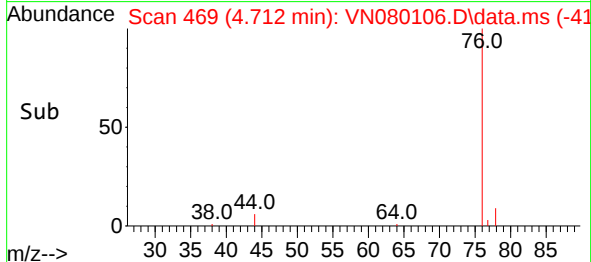
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



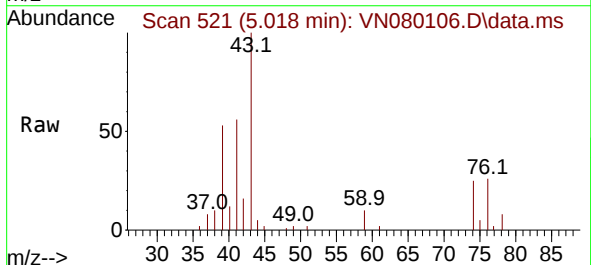
Tgt Ion: 76 Resp: 62728
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

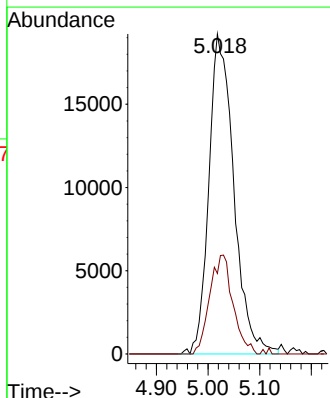
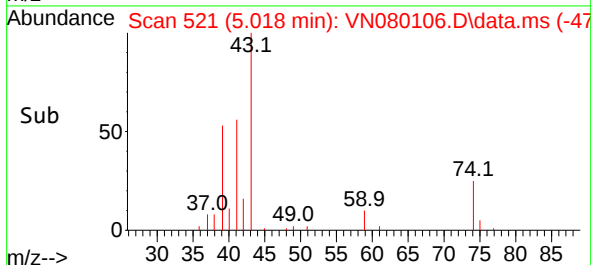
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

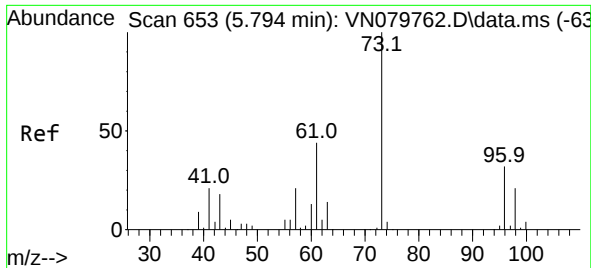


#18
Methyl Acetate
Concen: 15.220 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



Tgt Ion: 43 Resp: 64303
Ion Ratio Lower Upper
43 100
74 28.8 26.2 39.4





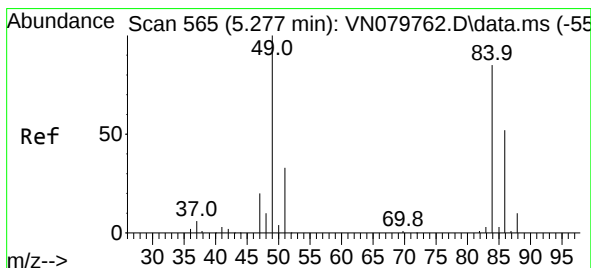
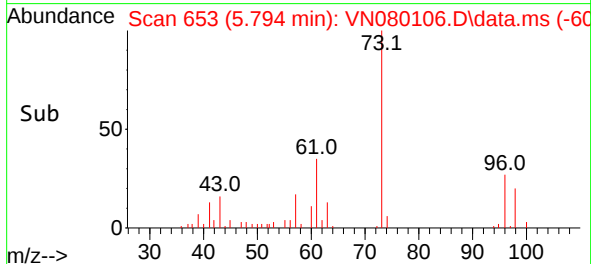
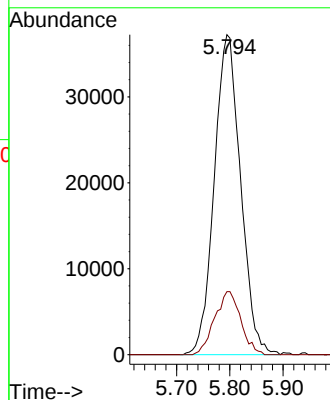
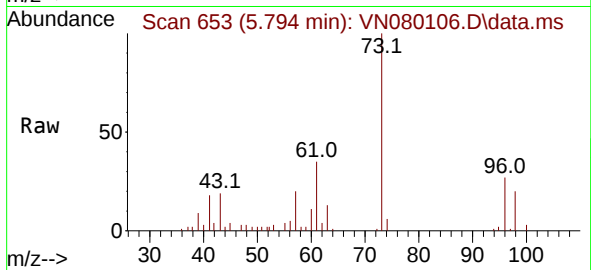
#19
Methyl tert-butyl Ether
Concen: 20.904 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 73 Resp: 12783
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

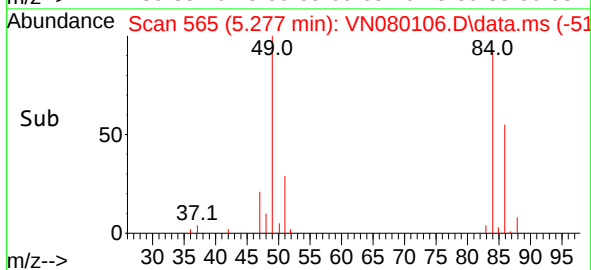
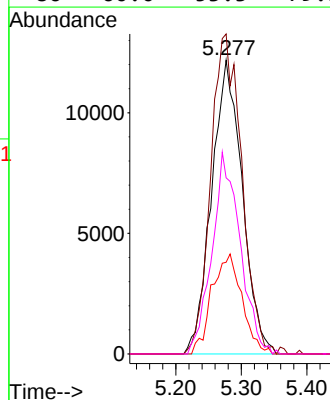
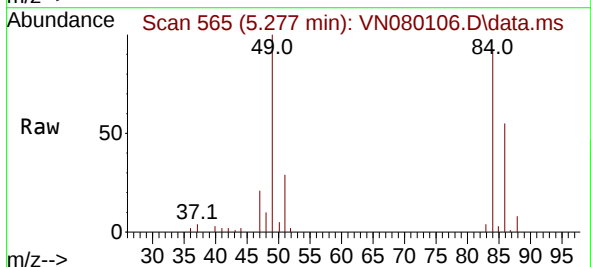
Manual Integrations
APPROVED

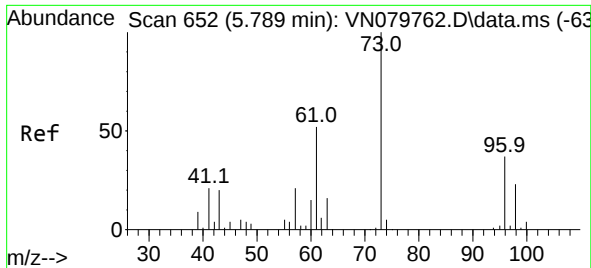
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 17.753 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 84 Resp: 39559
Ion Ratio Lower Upper
84 100
49 109.0 79.7 119.5
51 31.2 25.2 37.8
86 60.0 53.3 79.9





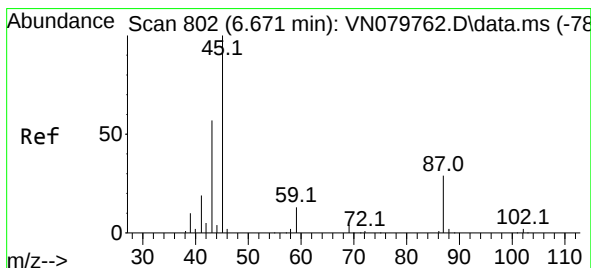
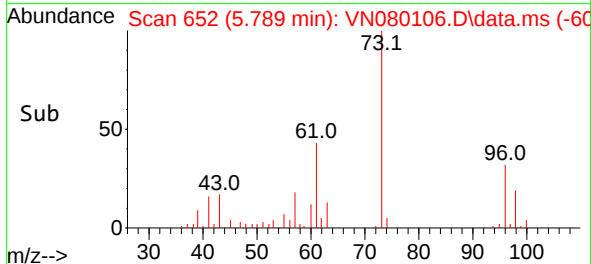
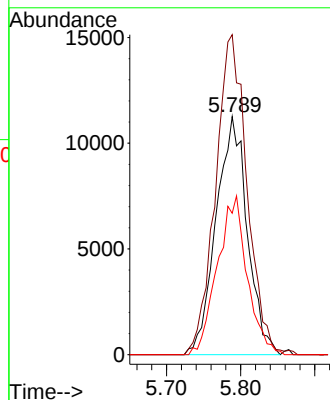
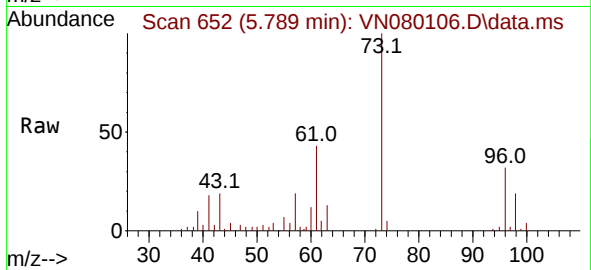
#21
trans-1,2-Dichloroethene
Concen: 16.623 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 96 Resp: 32930
Ion Ratio Lower Upper
96 100
61 134.4 90.1 135.1
98 59.4 46.4 69.6

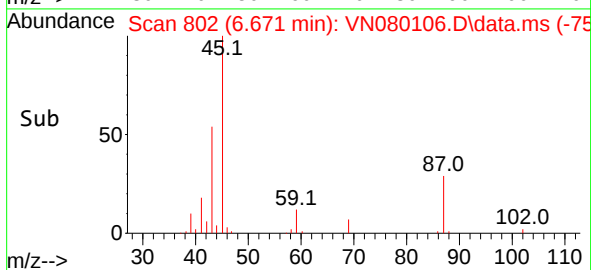
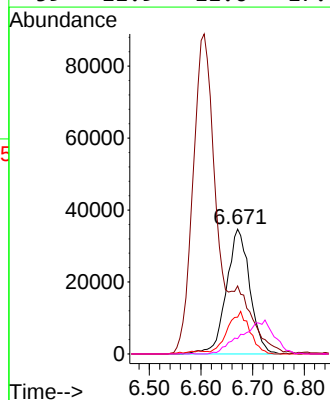
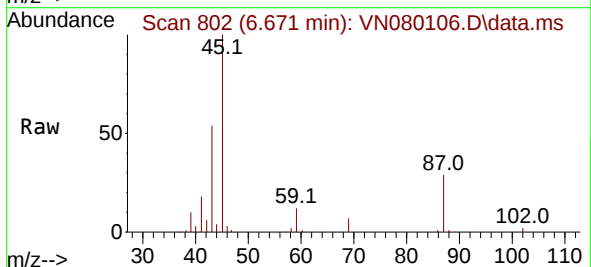
Manual Integrations
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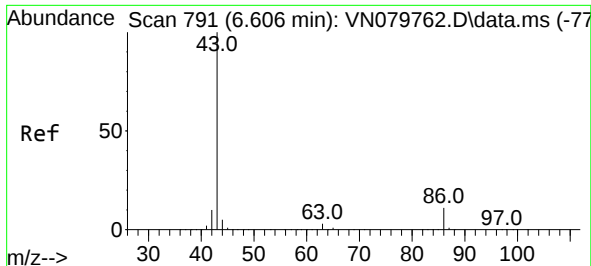
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 17.291 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 45 Resp: 109013
Ion Ratio Lower Upper
45 100
43 50.9 45.5 68.3
87 29.4 31.8 47.8#
59 11.9 11.6 17.4





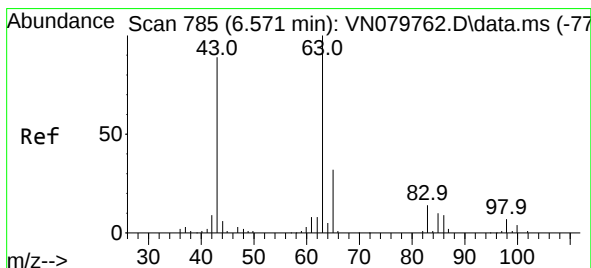
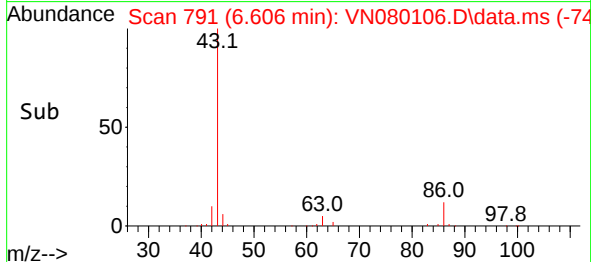
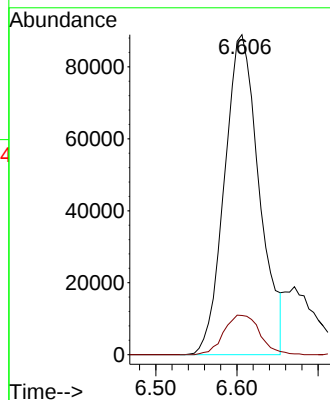
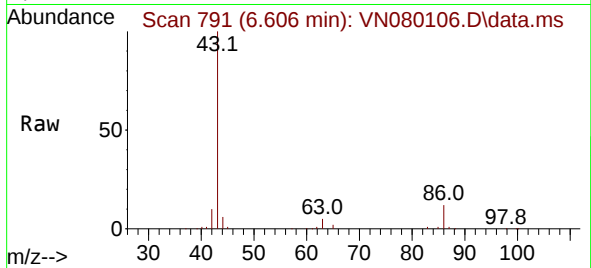
#23
 Vinyl Acetate
 Concen: 76.189 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Tgt Ion: 43 Resp: 264949
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

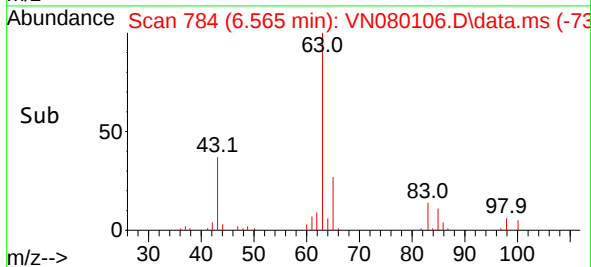
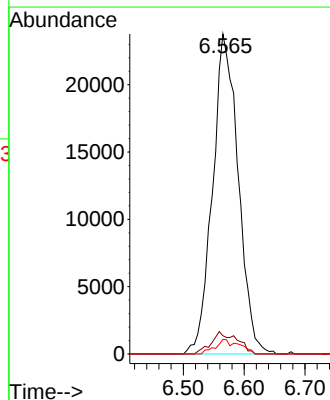
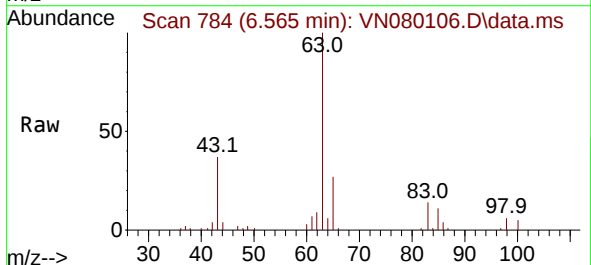
Manual Integrations
 APPROVED

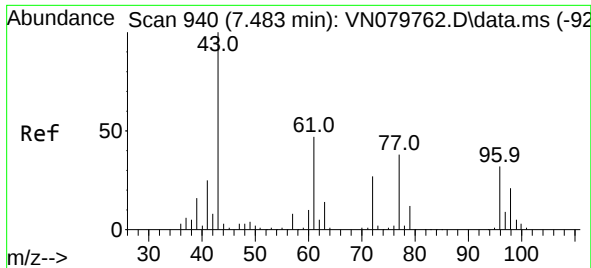
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 18.153 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

Tgt Ion: 63 Resp: 69561
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.5 2.5 7.4





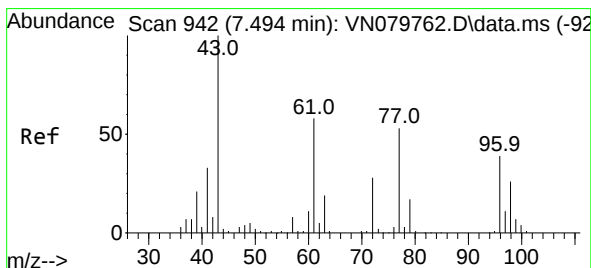
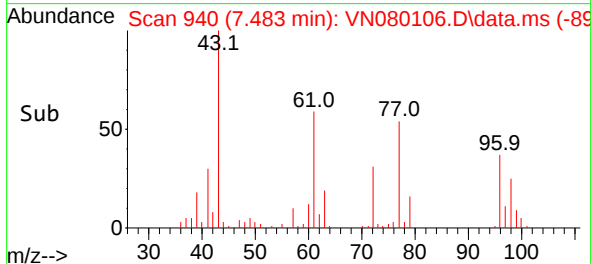
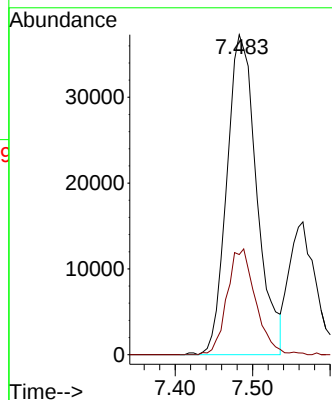
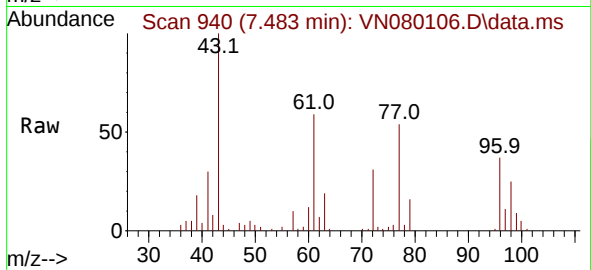
#25
2-Butanone
Concen: 77.577 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 43 Resp: 100318
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

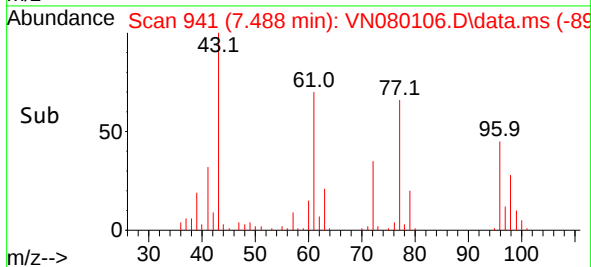
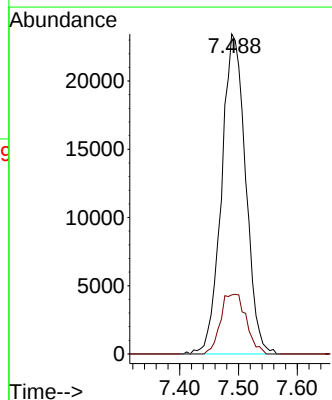
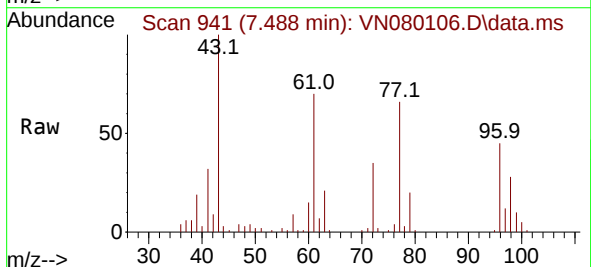
Manual Integrations
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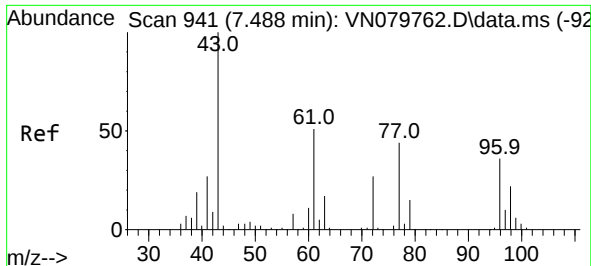
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 21.029 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

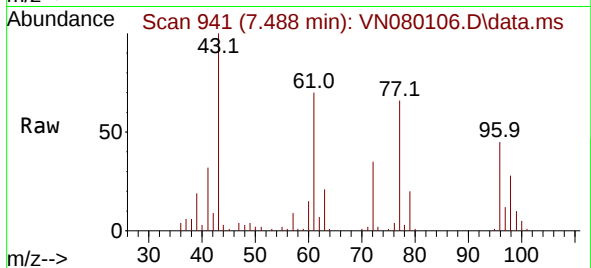
Tgt Ion: 77 Resp: 66641
Ion Ratio Lower Upper
77 100
97 19.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.753 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

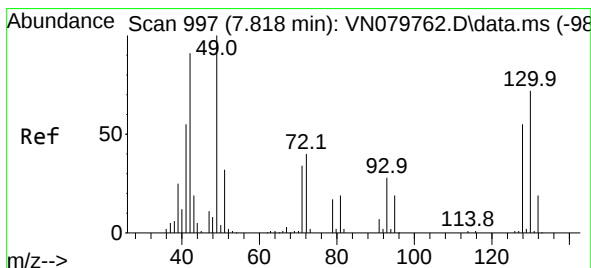
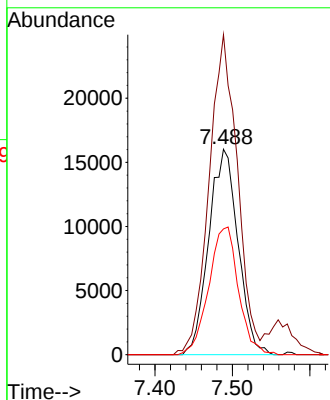
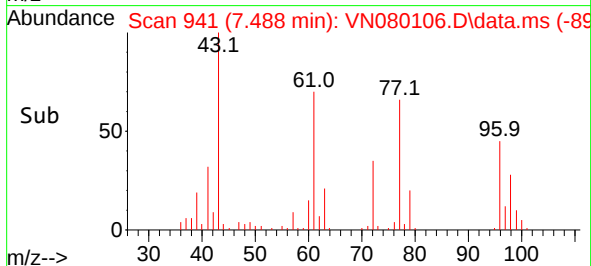
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01



Tgt Ion: 96 Resp: 42068
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 255.2
 98 63.0 0.0 128.8

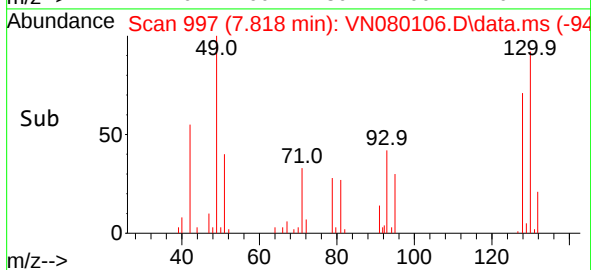
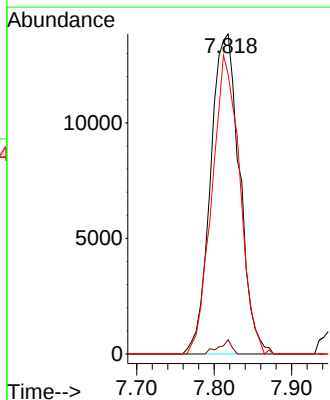
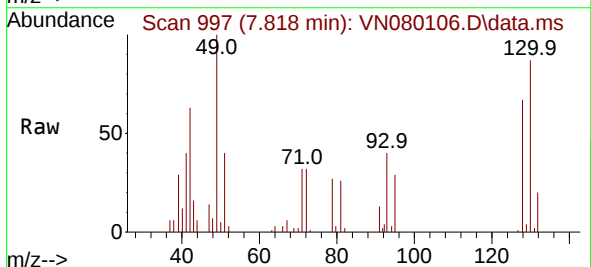
Manual Integrations
 APPROVED

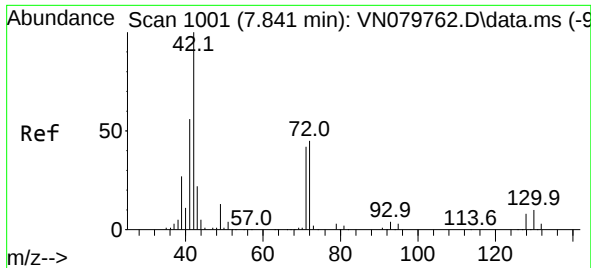
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 19.295 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

Tgt Ion: 49 Resp: 36031
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 89.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 72.018 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion: 42 Resp: 6059

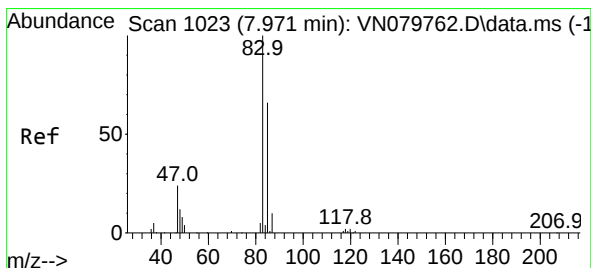
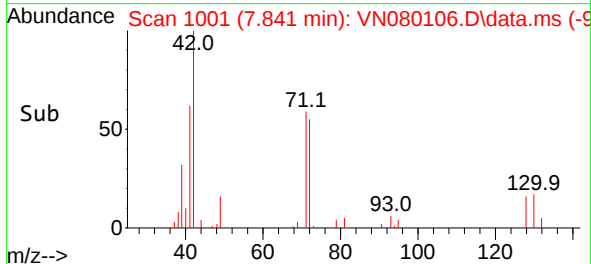
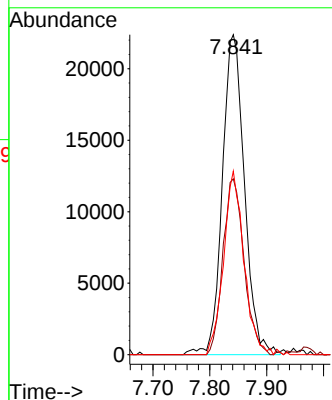
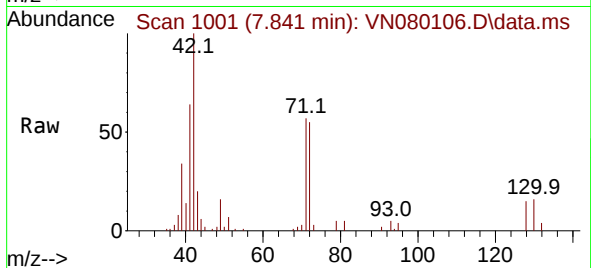
Ion	Ratio	Lower	Upper
42	100		
72	52.6	49.8	74.6
71	52.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 20.140 ug/l

RT: 7.965 min Scan# 1022

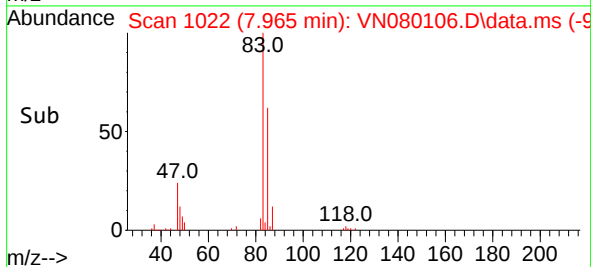
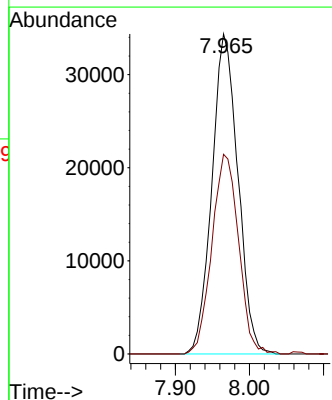
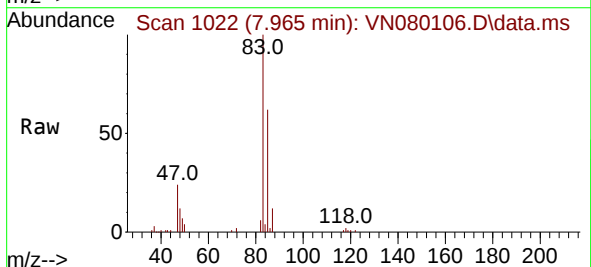
Delta R.T. -0.006 min

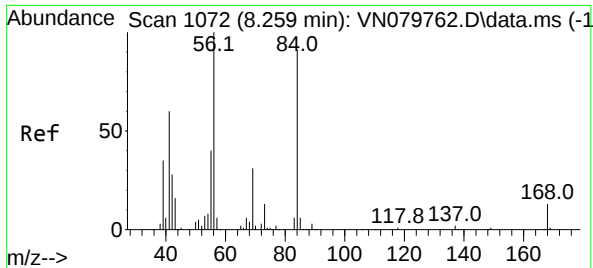
Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Tgt Ion: 83 Resp: 83829

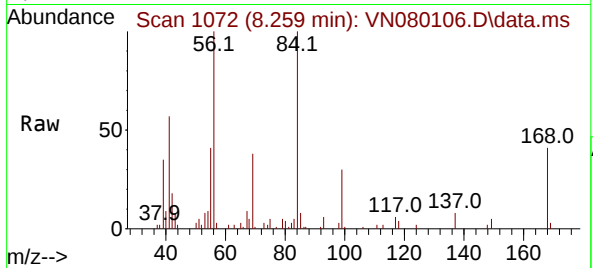
Ion	Ratio	Lower	Upper
83	100		
85	62.4	55.4	83.0





#31
Cyclohexane
Concen: 13.815 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

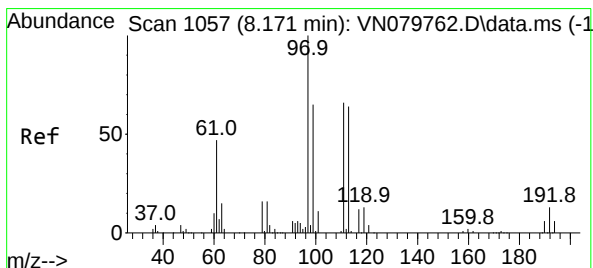
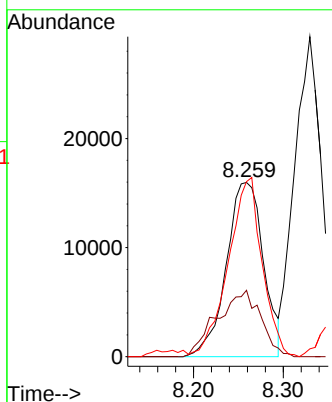
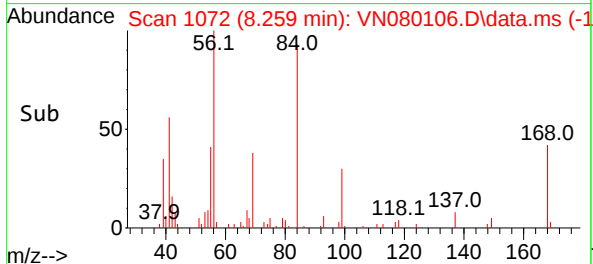
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



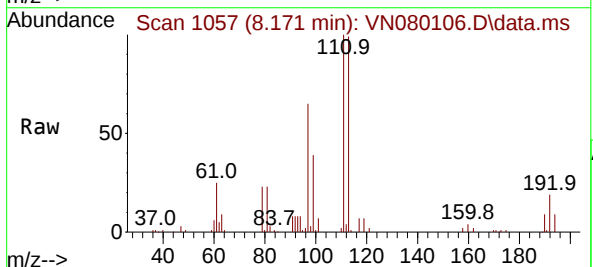
Tgt Ion: 56 Resp: 45894
Ion Ratio Lower Upper
56 100
69 38.1 26.8 40.2
84 98.1 81.8 122.6

Manual Integrations
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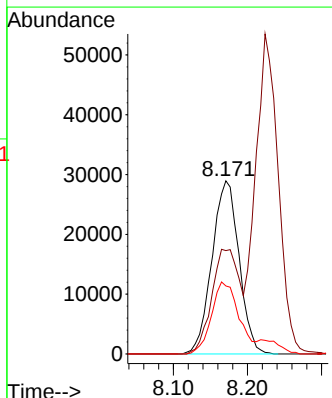
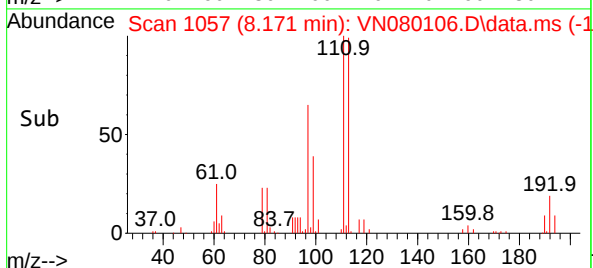
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

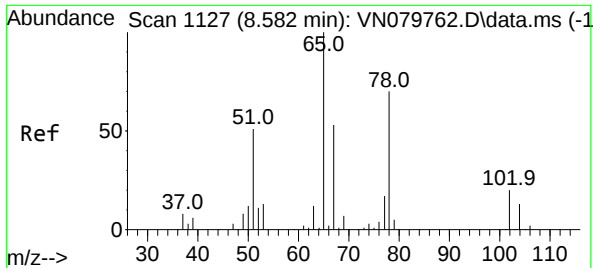


#32
1,1,1-Trichloroethane
Concen: 21.611 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



Tgt Ion: 97 Resp: 73291
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 42.5 34.7 52.1





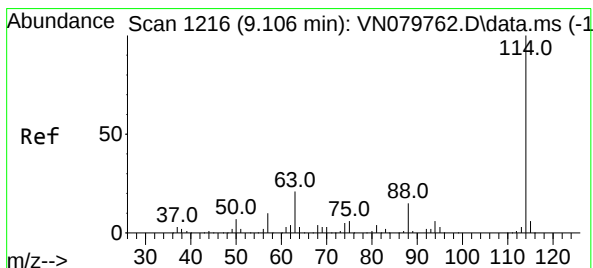
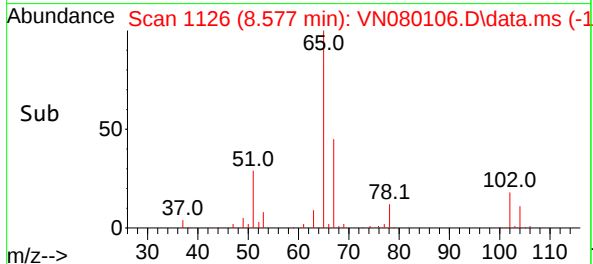
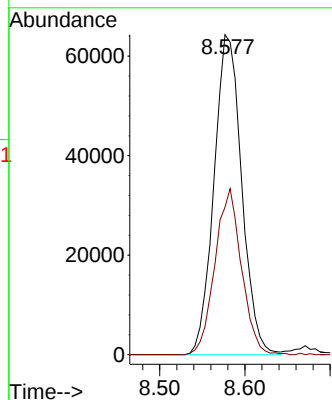
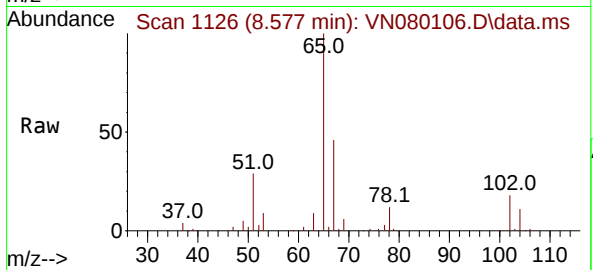
#33
1,2-Dichloroethane-d4
Concen: 57.785 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 65 Resp: 14527
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6

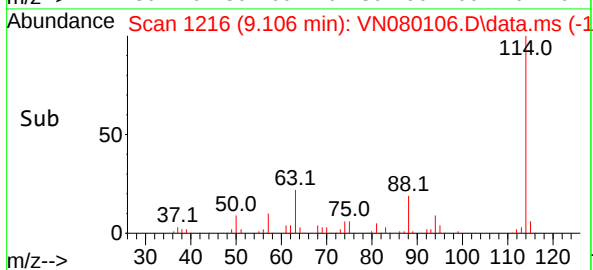
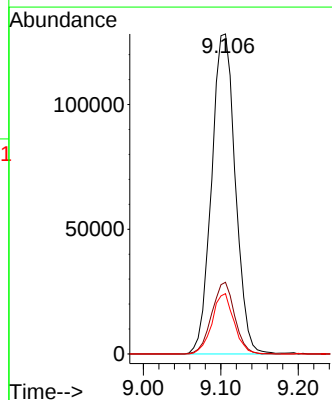
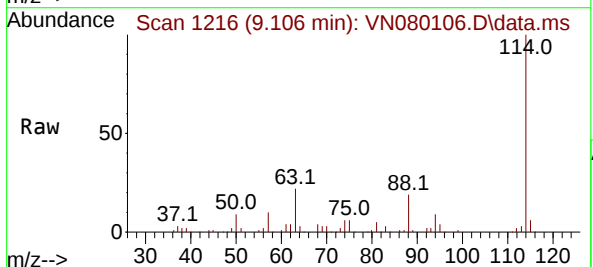
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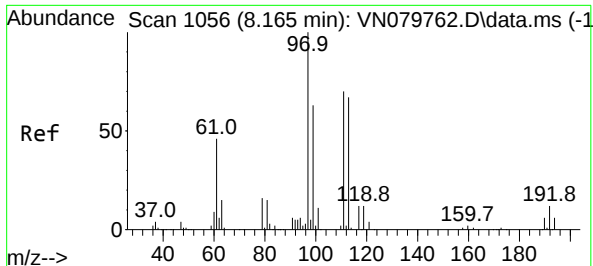
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:114 Resp: 273156
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.4
88 18.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.211 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion:113 Resp: 106738

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

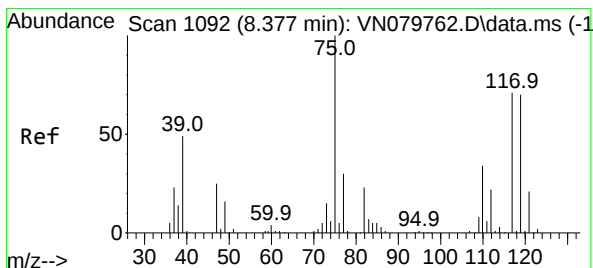
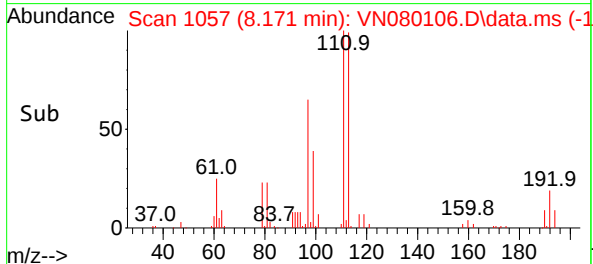
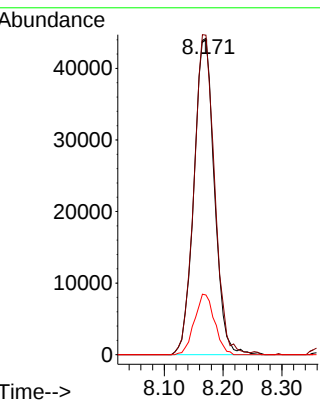
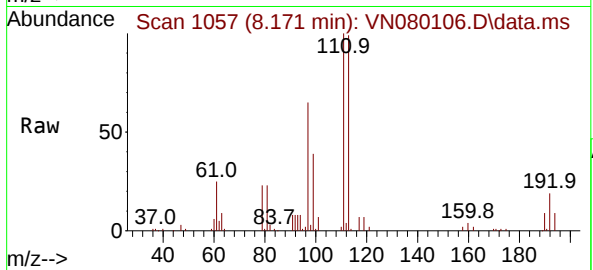
192 18.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#36

1,1-Dichloropropene

Concen: 17.348 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

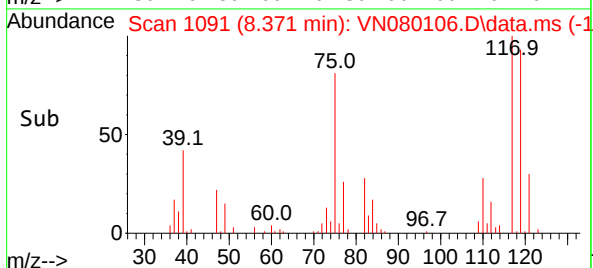
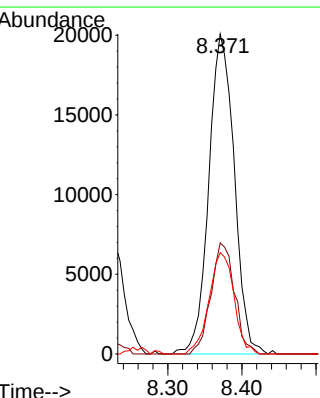
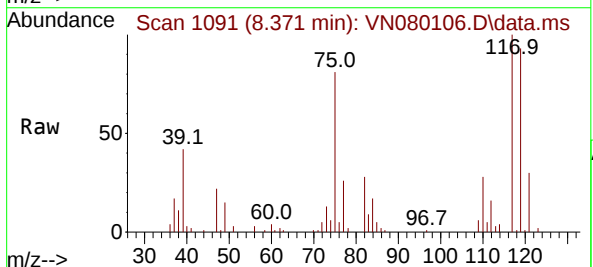
Tgt Ion: 75 Resp: 47888

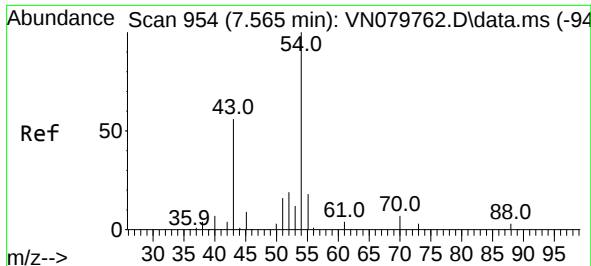
Ion Ratio Lower Upper

75 100

110 32.3 19.1 57.3

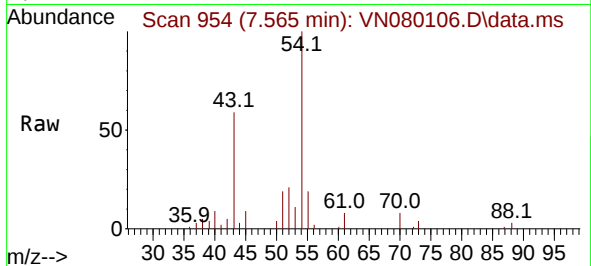
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 15.306 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

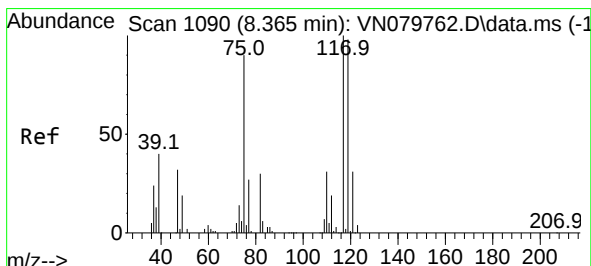
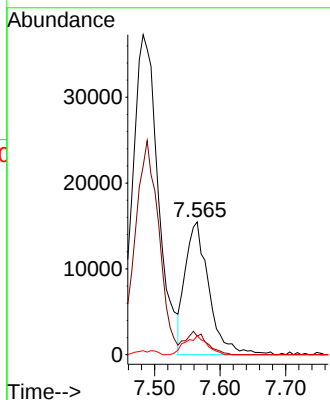
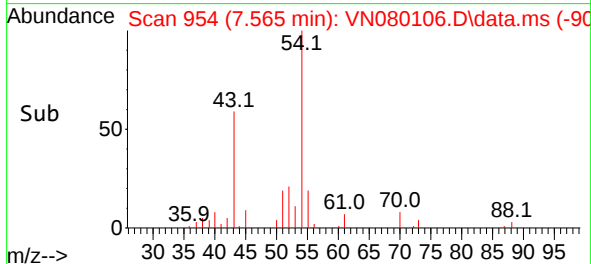
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



Tgt Ion: 43 Resp: 38750
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 13.3 11.3 16.9

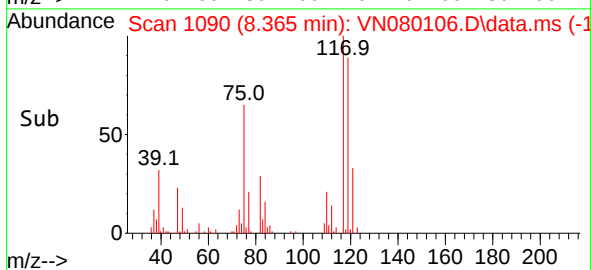
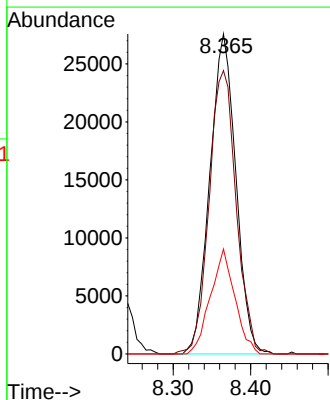
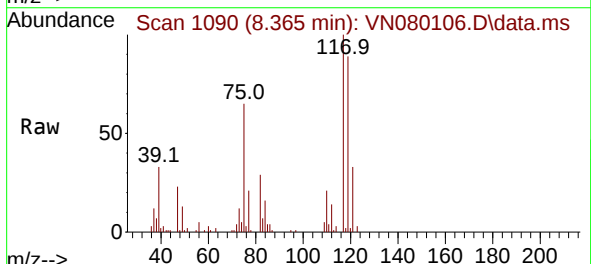
Manual Integrations
APPROVED

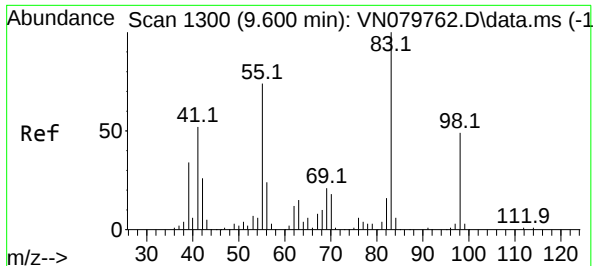
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#38
Carbon Tetrachloride
Concen: 23.206 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:117 Resp: 64559
Ion Ratio Lower Upper
117 100
119 88.6 77.3 115.9
121 32.8 23.3 34.9





#39

Methylcyclohexane

Concen: 15.176 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

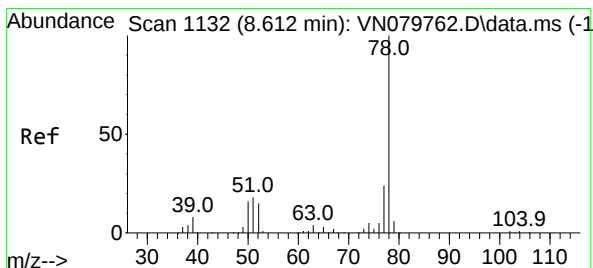
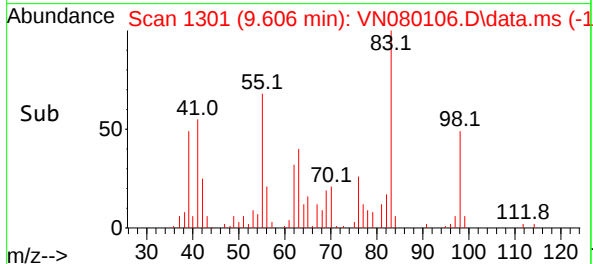
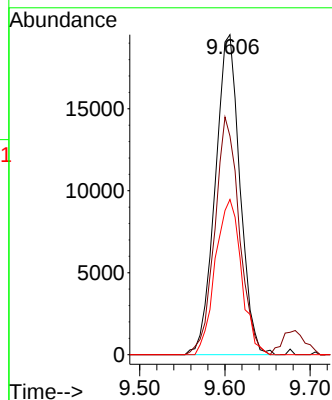
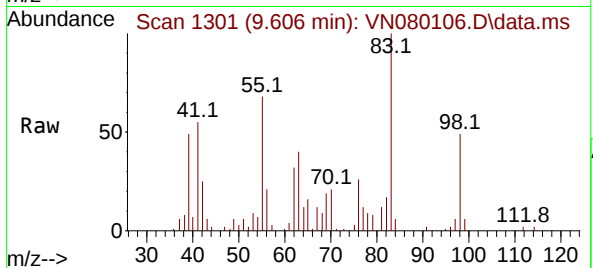
Tgt Ion: 83	Resp: 39424
Ion Ratio	Lower Upper
83	100
55	68.3 49.1 73.7
98	48.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 18.163 ug/l

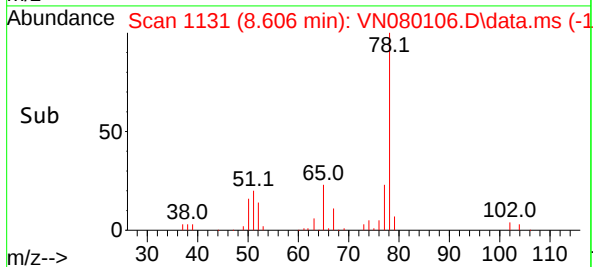
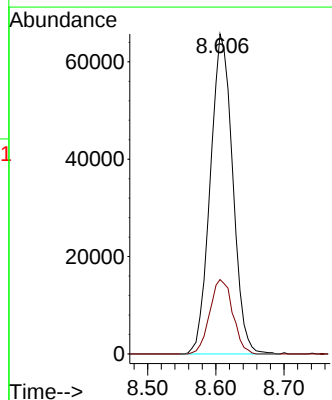
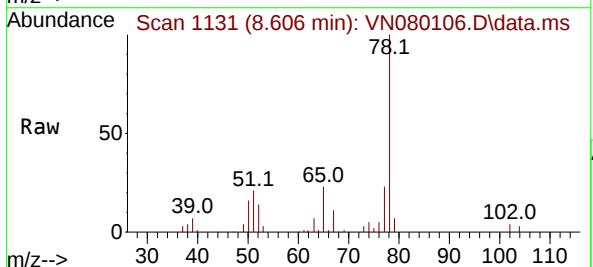
RT: 8.606 min Scan# 1131

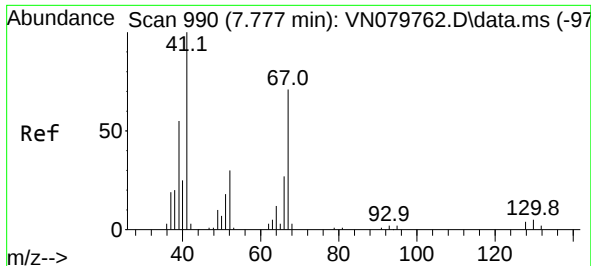
Delta R.T. -0.006 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

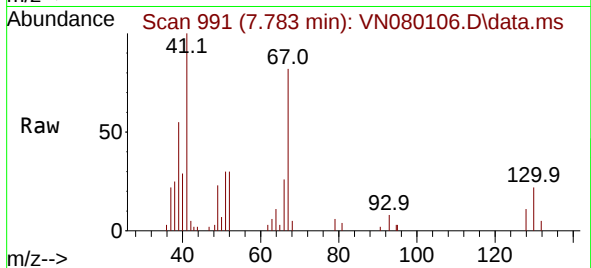
Tgt Ion: 78	Resp: 150166
Ion Ratio	Lower Upper
78	100
77	23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 16.357 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

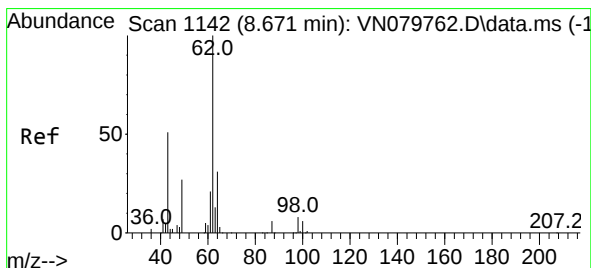
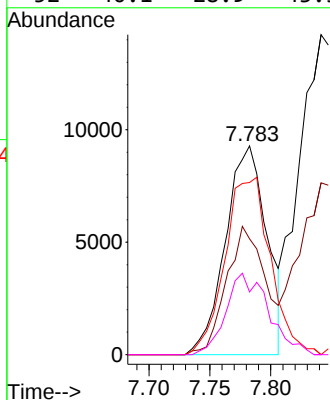
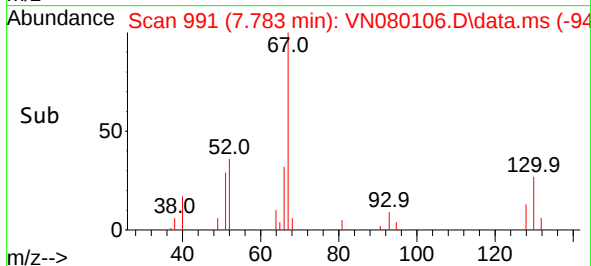
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



Tgt Ion: 41	Resp: 2198
Ion Ratio	Lower Upper
41 100	
39 57.9	42.6 64.0
67 93.6	77.5 116.3
52 40.1	28.9 43.3

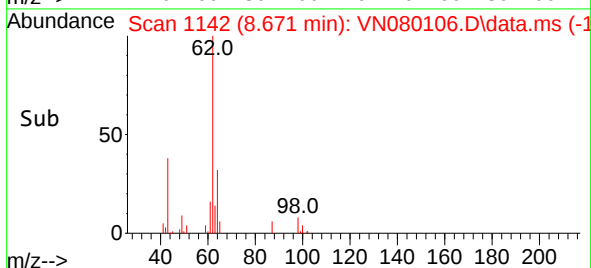
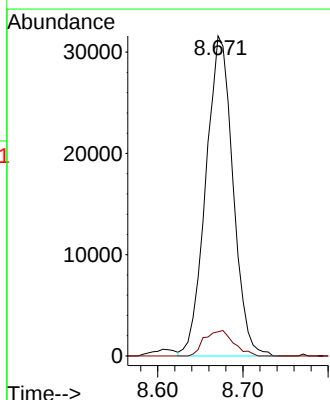
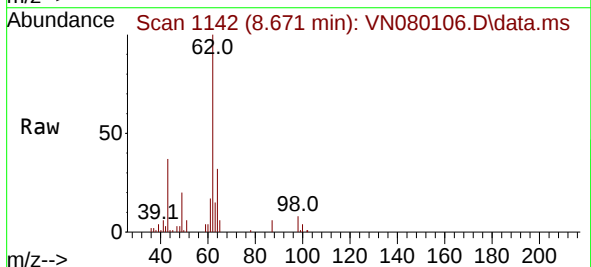
Manual Integrations
APPROVED

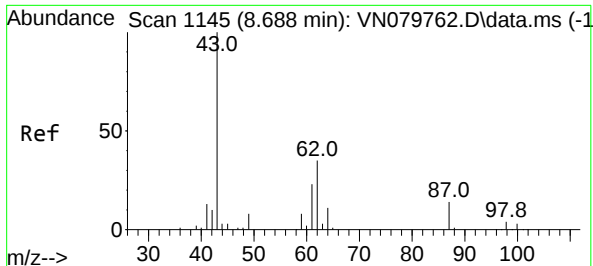
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 24.206 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 62	Resp: 69908
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 19.8





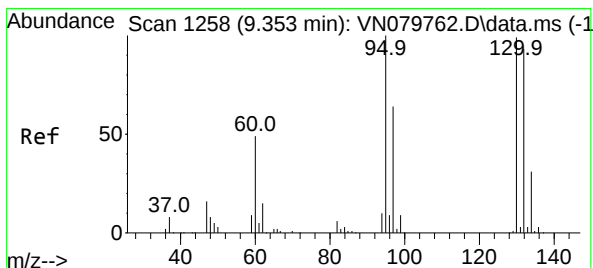
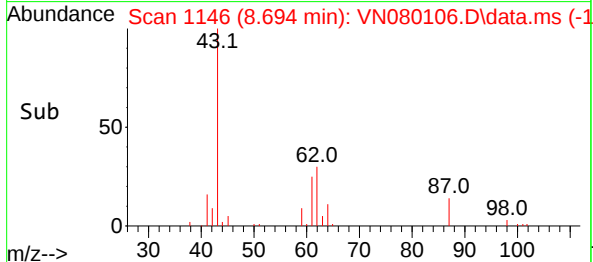
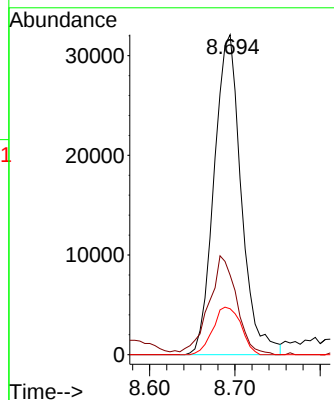
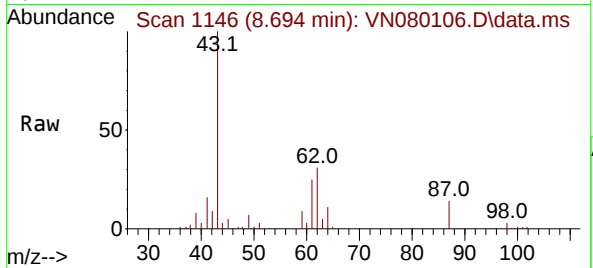
#43
Isopropyl Acetate
Concen: 15.993 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 43 Resp: 71000
Ion Ratio Lower Upper
43 100
61 32.0 24.7 37.1
87 15.4 14.6 21.8

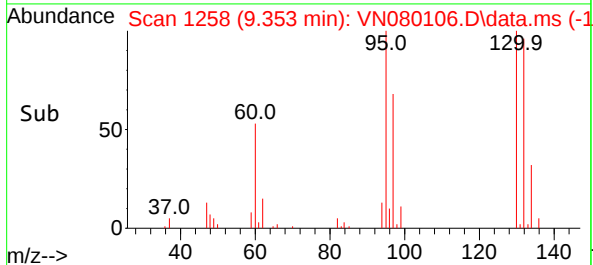
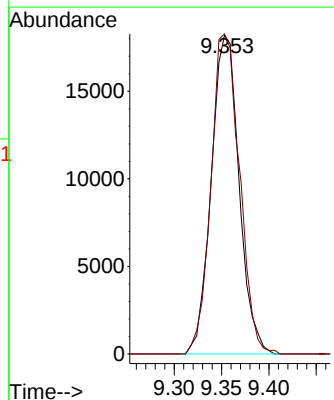
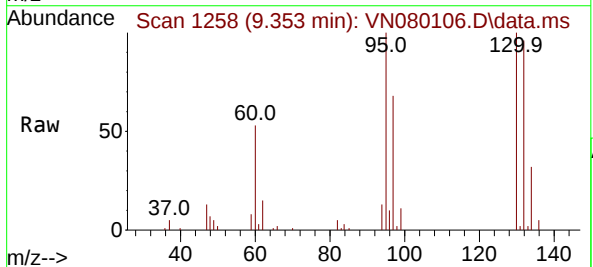
Manual Integrations
APPROVED

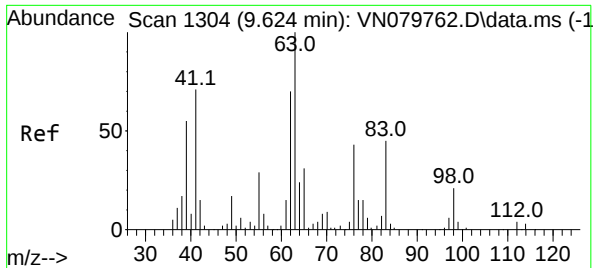
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#44
Trichloroethene
Concen: 18.099 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:130 Resp: 37132
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.317 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion: 63 Resp: 3870

Ion Ratio Lower Upper

63 100

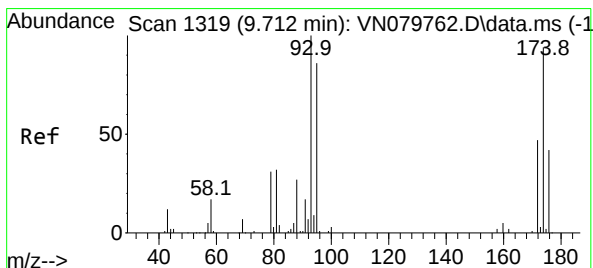
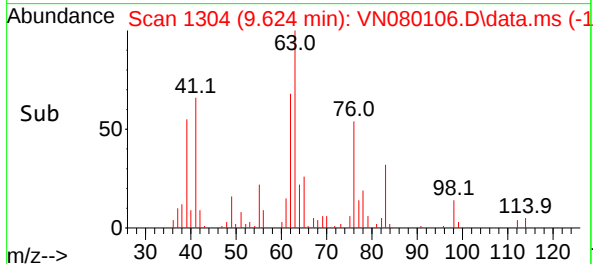
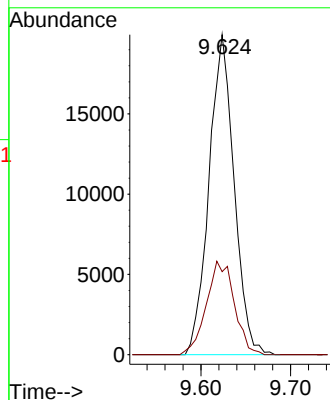
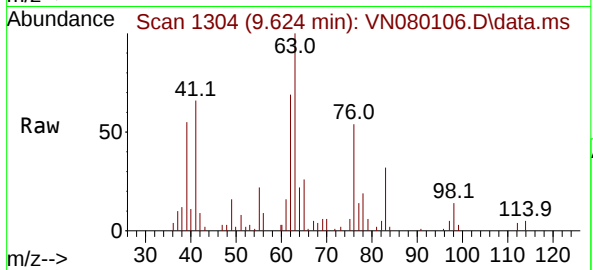
65 25.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 20.324 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

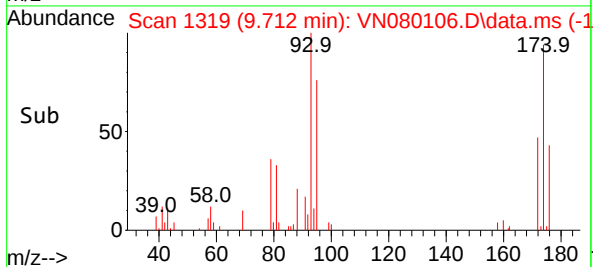
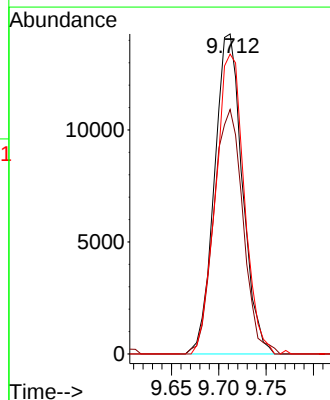
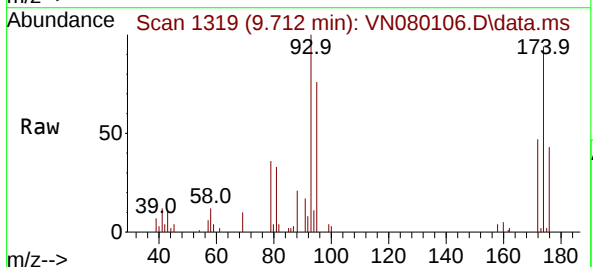
Tgt Ion: 93 Resp: 29322

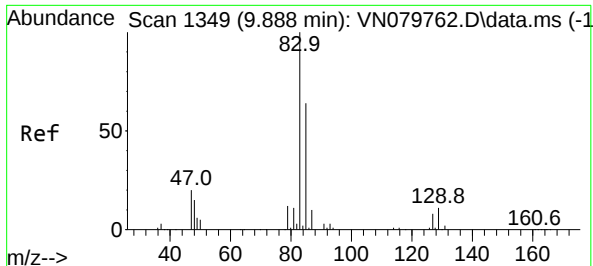
Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.8

174 95.8 65.6 98.4





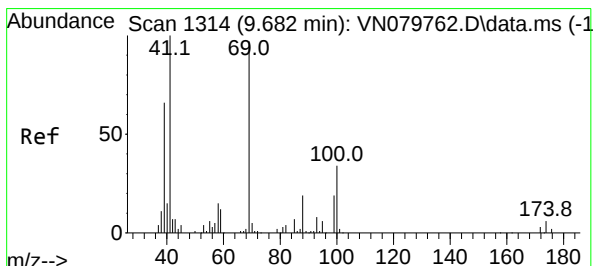
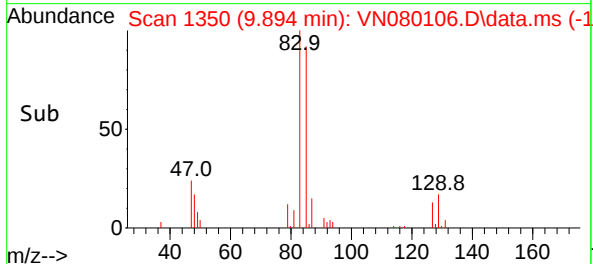
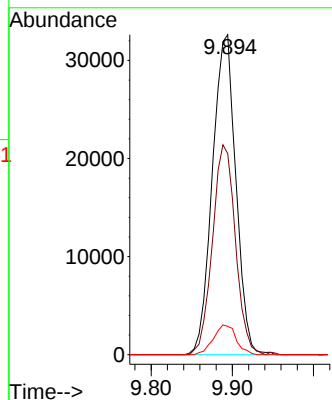
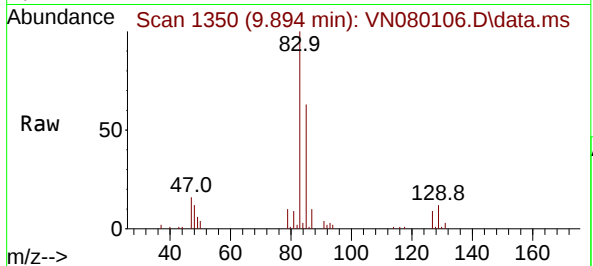
#47
Bromodichloromethane
Concen: 21.313 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
Client Sample Id :
VN1115WBSD01

Tgt Ion: 83 Resp: 65578
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.9 7.0 10.6

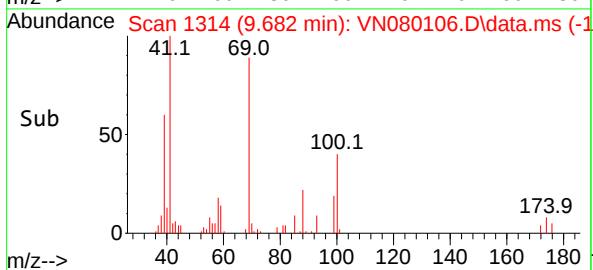
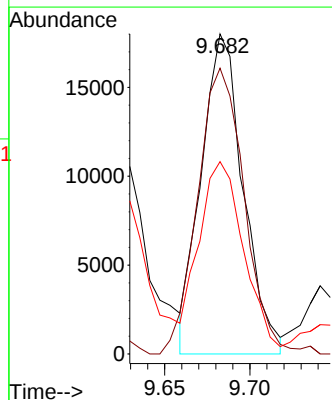
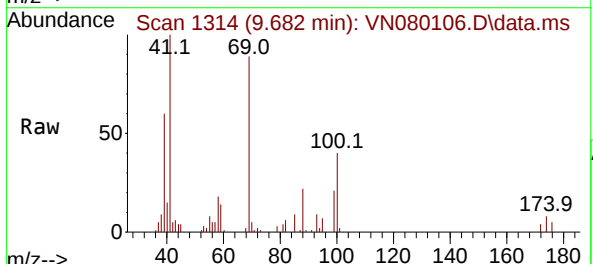
Manual Integrations
APPROVED

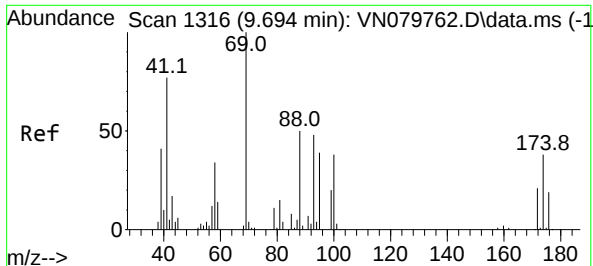
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 15.873 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 41 Resp: 30867
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 64.7 54.6 81.8





#49

1,4-Dioxane

Concen: 393.723 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion: 88 Resp: 13529

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6

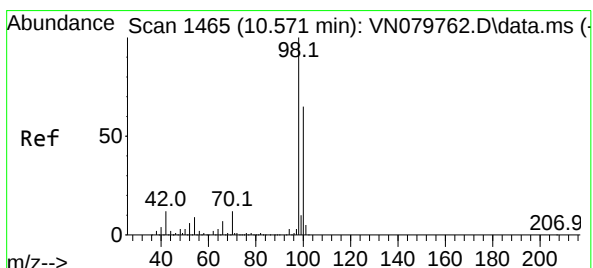
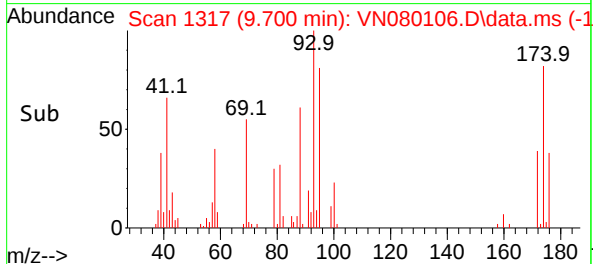
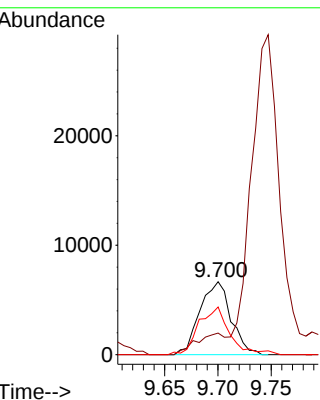
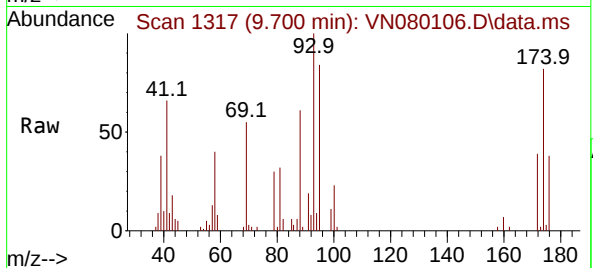
58 64.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 49.210 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080106.D

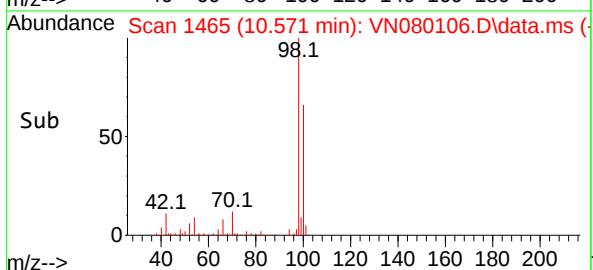
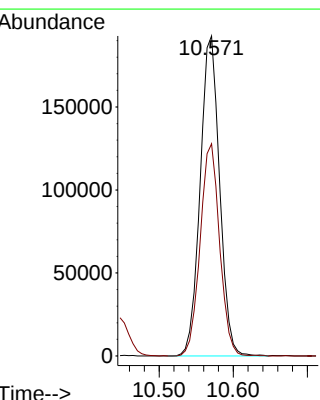
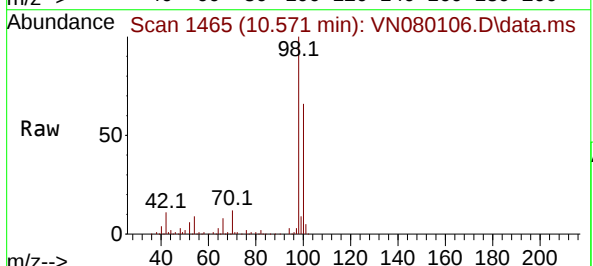
Acq: 15 Nov 2023 13:31

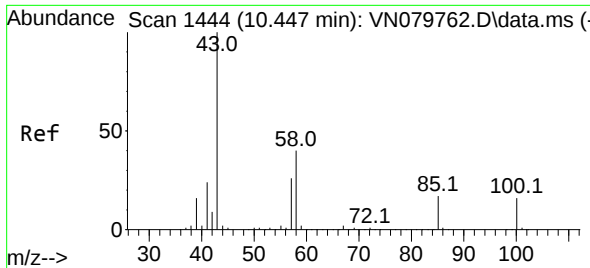
Tgt Ion: 98 Resp: 350232

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0





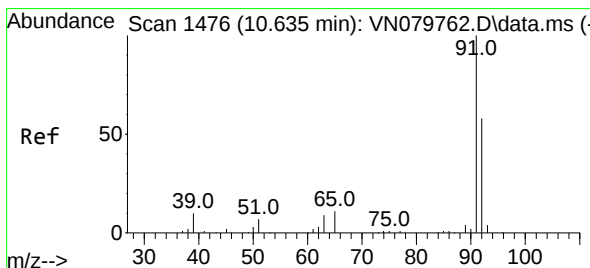
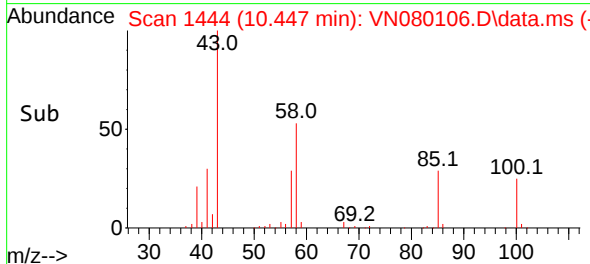
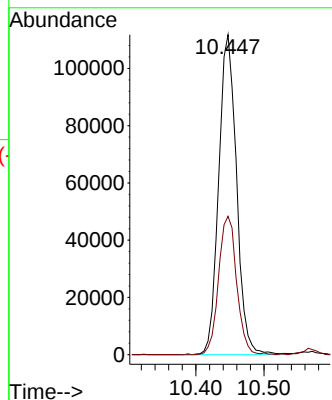
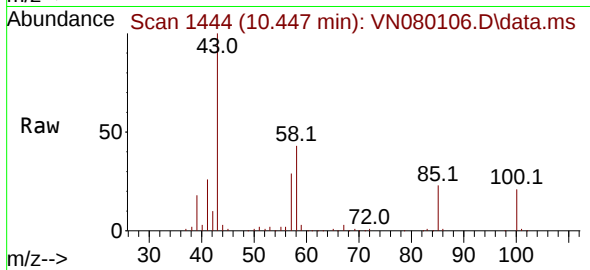
#51
4-Methyl-2-Pentanone
Concen: 81.395 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 43 Resp: 20344
Ion Ratio Lower Upper
43 100
58 44.0 36.6 54.8

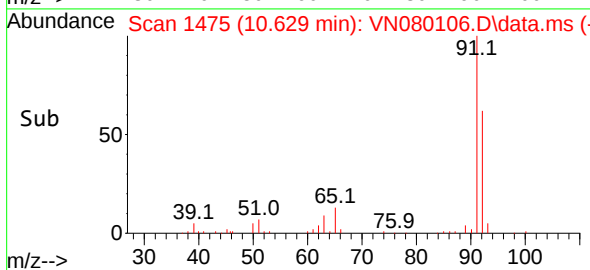
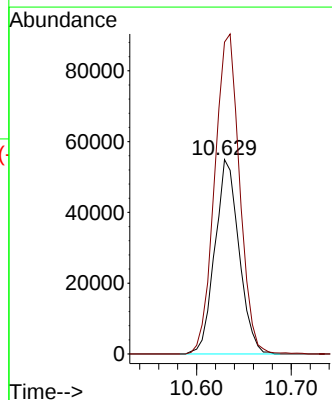
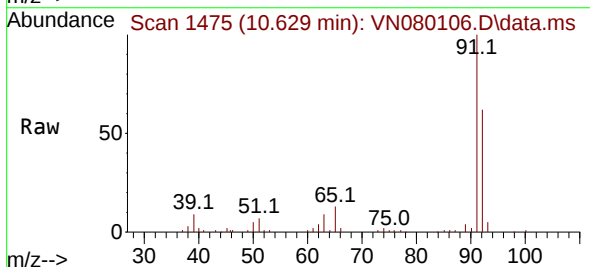
Manual Integrations
APPROVED

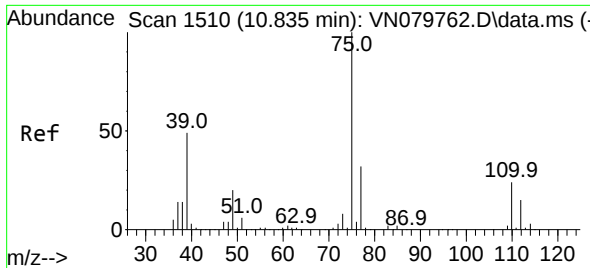
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 19.826 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 92 Resp: 97178
Ion Ratio Lower Upper
92 100
91 170.3 137.4 206.0





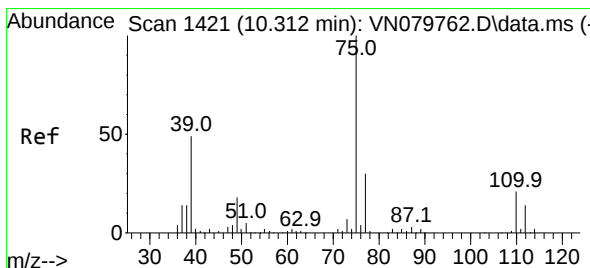
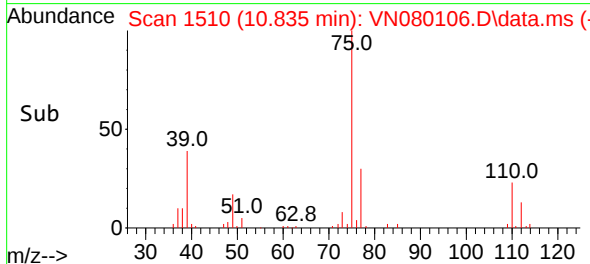
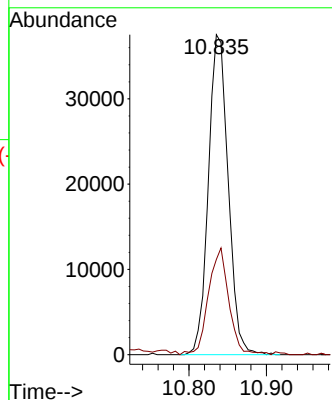
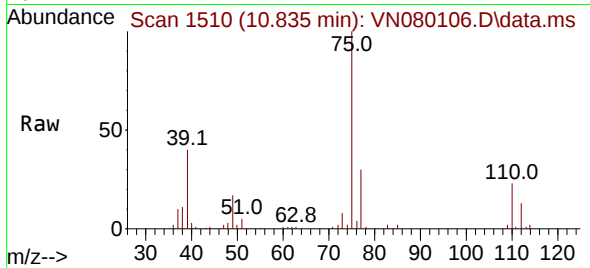
#53
 t-1,3-Dichloropropene
 Concen: 22.050 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Tgt Ion: 75 Resp: 66508
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0

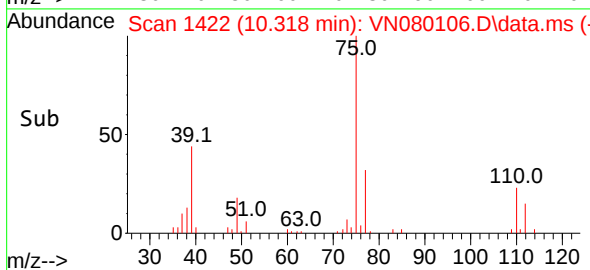
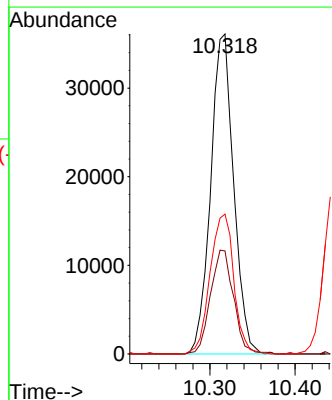
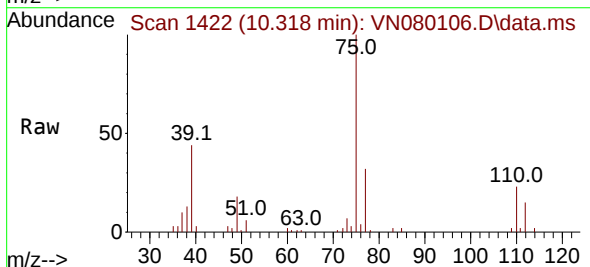
Manual Integrations
 APPROVED

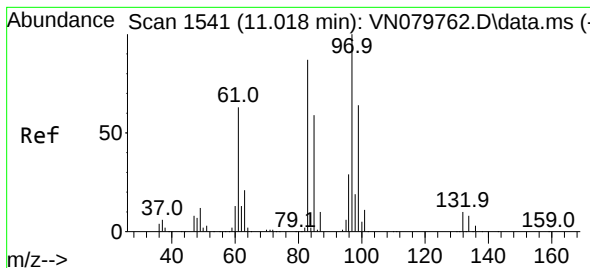
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.621 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

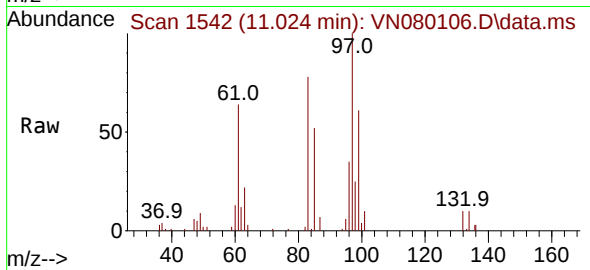
Tgt Ion: 75 Resp: 67796
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 43.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.182 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

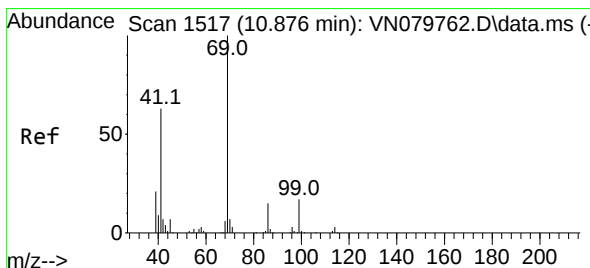
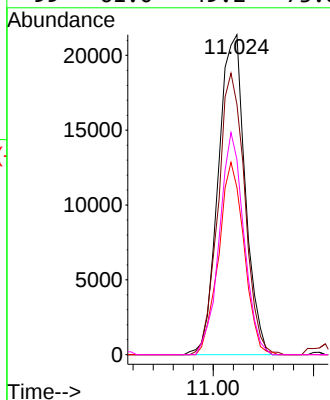
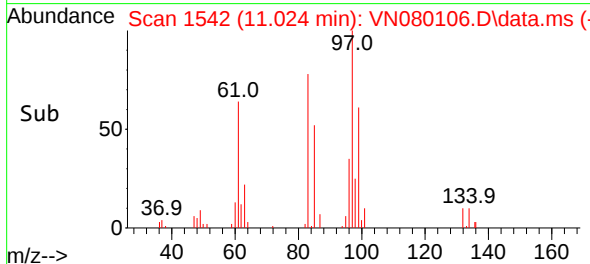
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



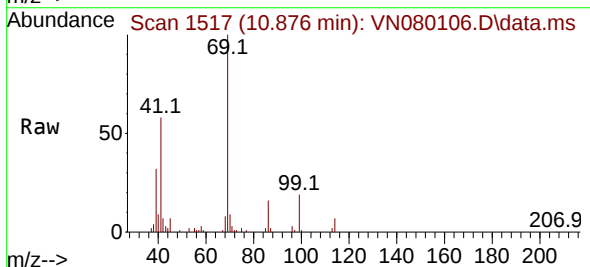
Tgt Ion:	97	Resp:	3978
Ion	Ratio	Lower	Upper
97	100		
83	78.3	65.1	97.7
85	52.2	43.4	65.2
99	61.0	49.2	73.8

Manual Integrations
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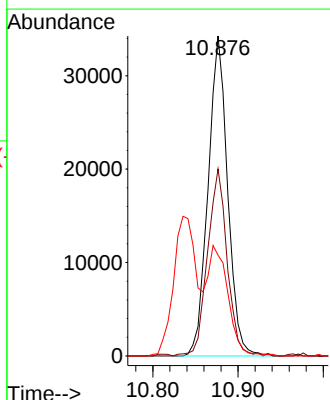
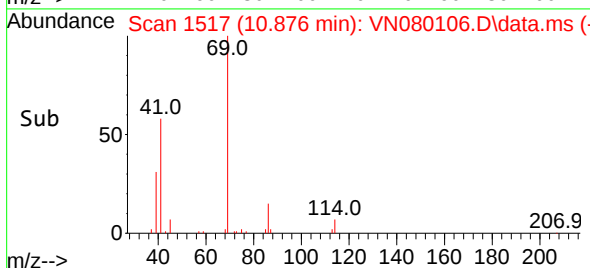
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

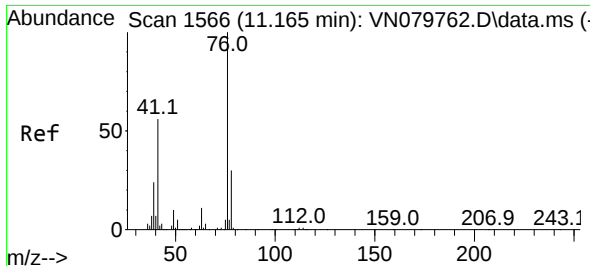


#56
Ethyl methacrylate
Concen: 19.479 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



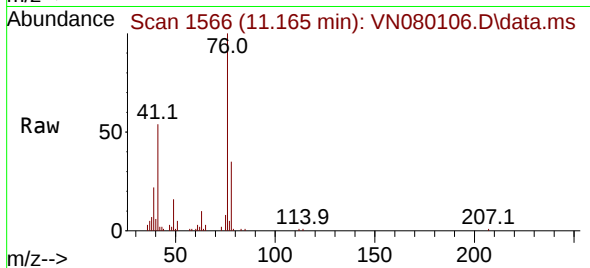
Tgt Ion:	69	Resp:	54777
Ion	Ratio	Lower	Upper
69	100		
41	58.8	39.6	59.4
39	35.4	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.547 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

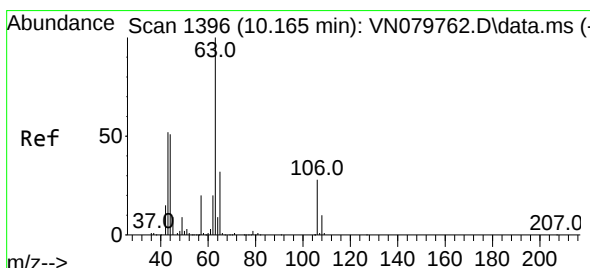
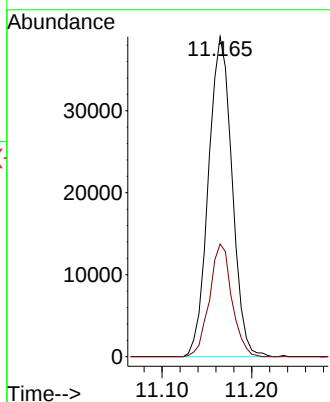
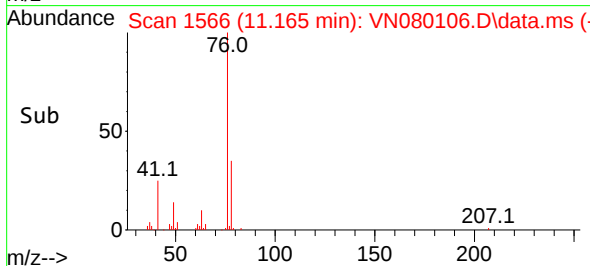
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



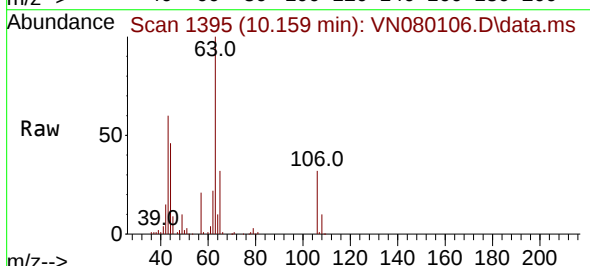
Tgt Ion: 76 Resp: 7140
Ion Ratio Lower Upper
76 100
78 33.4 26.1 39.1

Manual Integrations
APPROVED

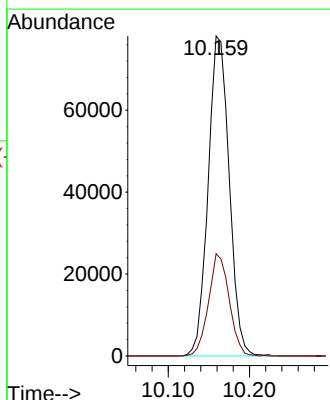
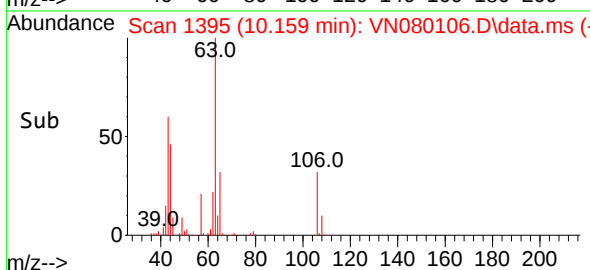
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

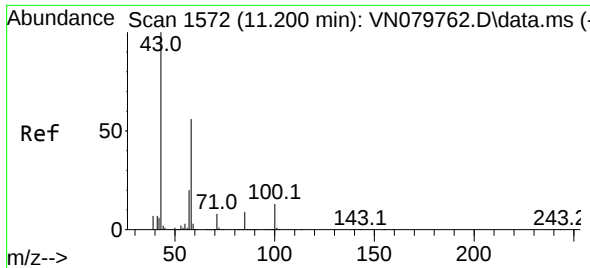


#58
2-Chloroethyl Vinyl ether
Concen: 98.981 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



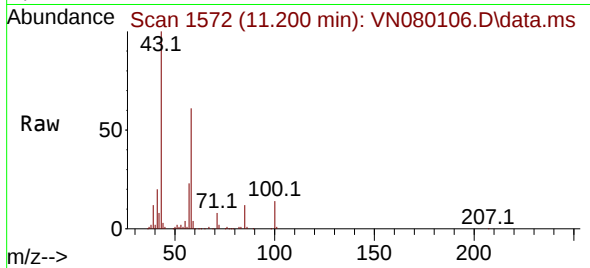
Tgt Ion: 63 Resp: 141076
Ion Ratio Lower Upper
63 100
106 31.3 26.2 39.4





#59
2-Hexanone
Concen: 77.176 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

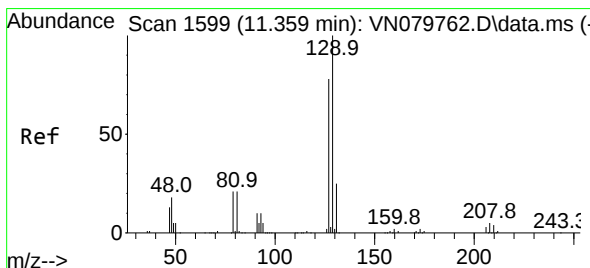
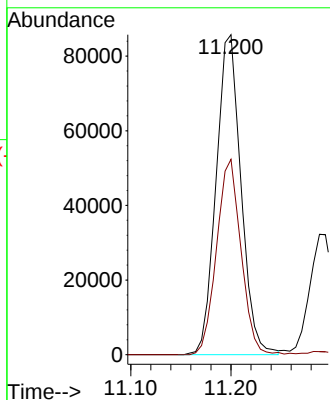
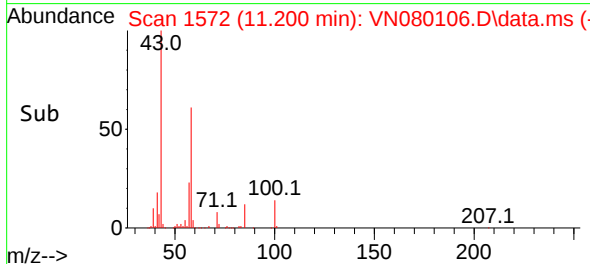
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



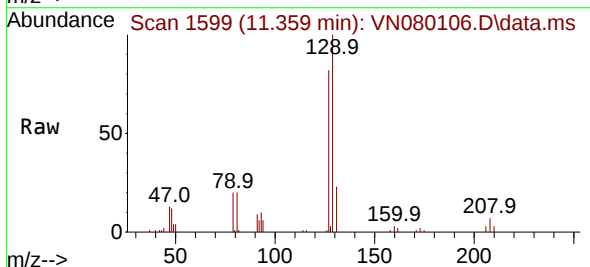
Tgt Ion: 43 Resp: 147570
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

Manual Integrations
APPROVED

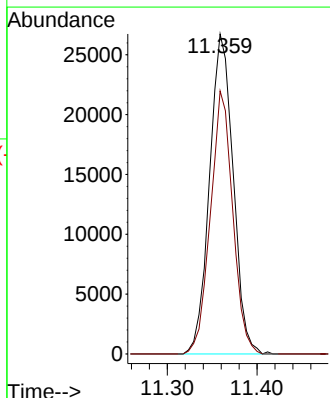
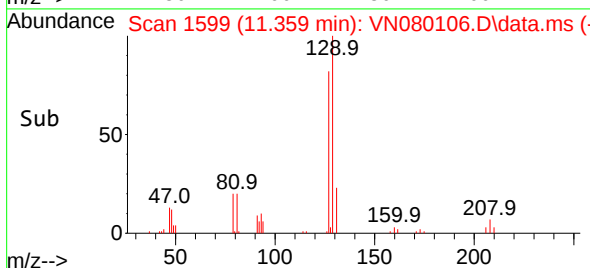
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 23.138 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



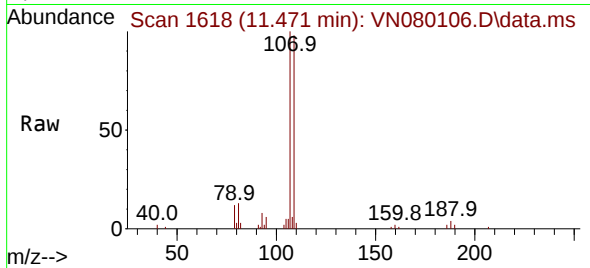
Tgt Ion:129 Resp: 48827
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.239 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

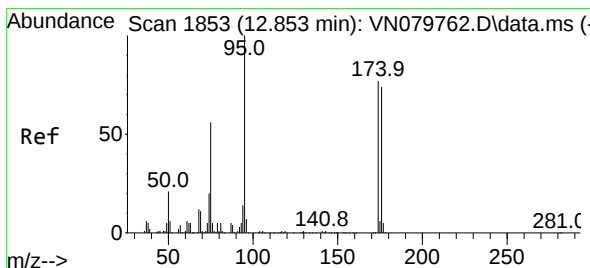
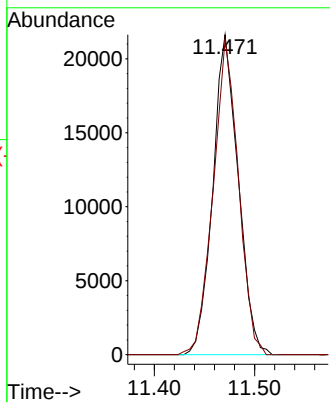
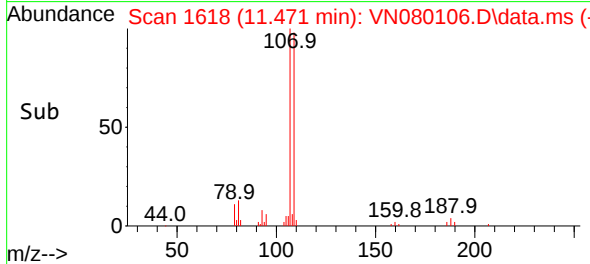
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



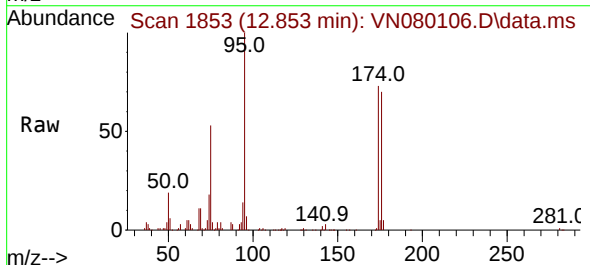
Tgt Ion:107 Resp: 38070
Ion Ratio Lower Upper
107 100
109 98.2 76.6 114.8

Manual Integrations
APPROVED

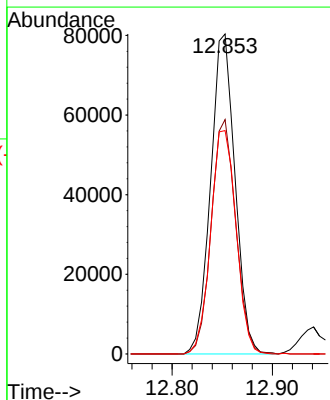
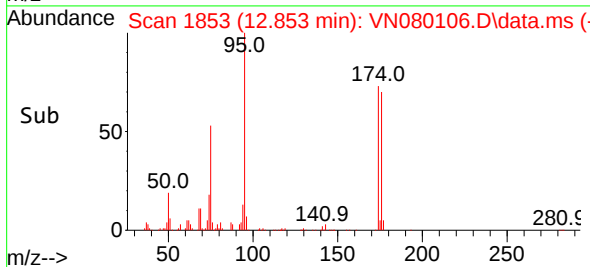
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

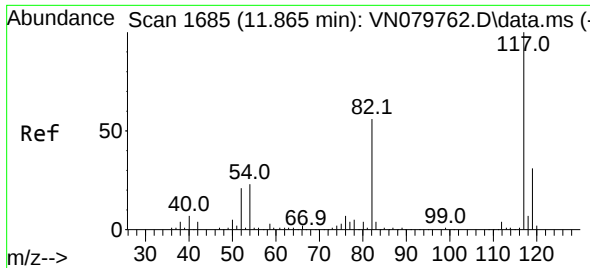


#62
4-Bromofluorobenzene
Concen: 57.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



Tgt Ion: 95 Resp: 135662
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 72.6 0.0 135.8





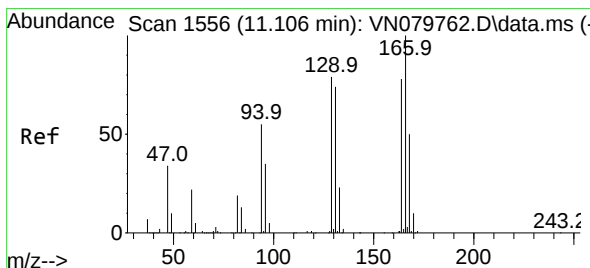
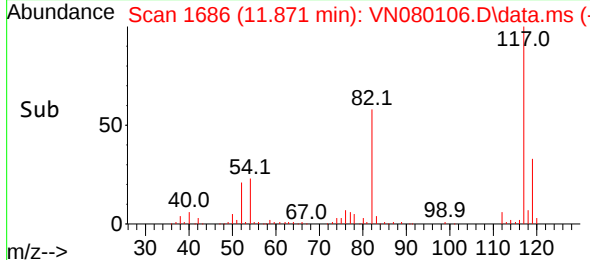
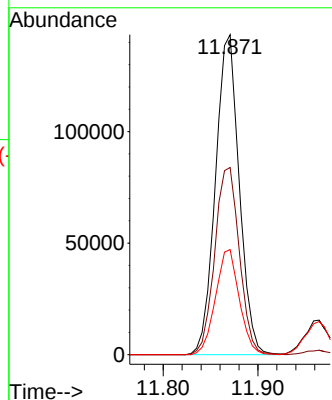
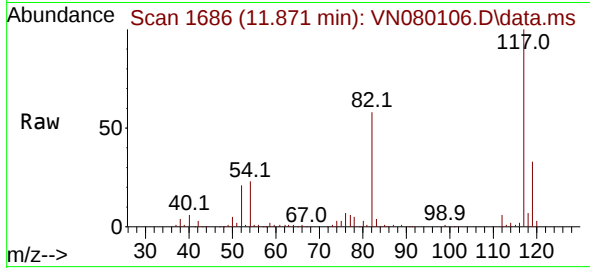
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:117 Resp: 25034
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 32.9 25.6 38.4

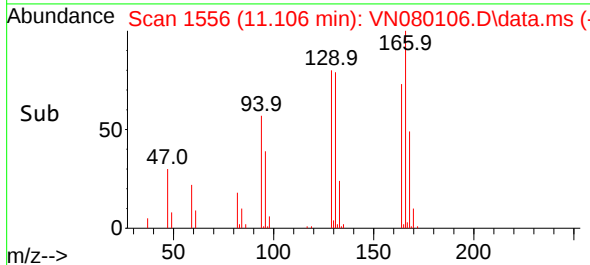
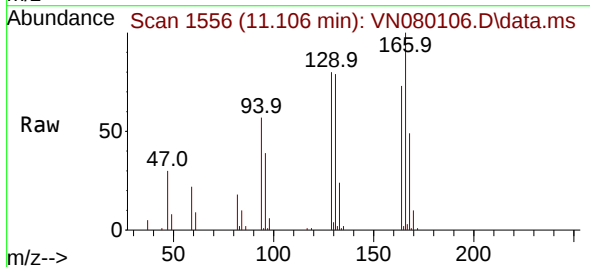
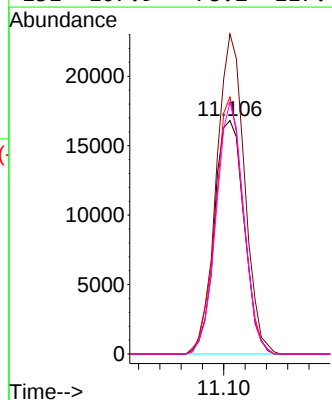
Manual Integrations
APPROVED

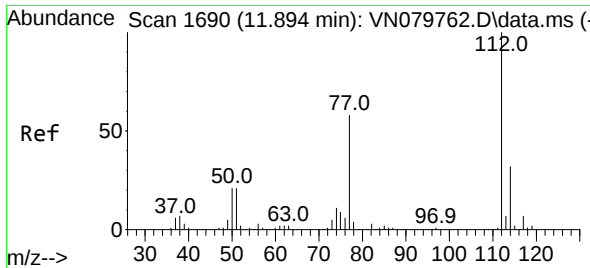
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:164 Resp: 32327
Ion Ratio Lower Upper
164 100
166 137.1 101.4 152.0
129 110.1 82.4 123.6
131 107.9 78.2 117.4





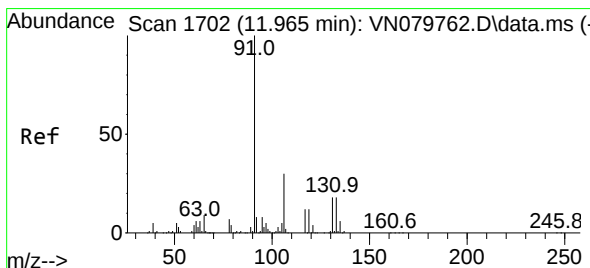
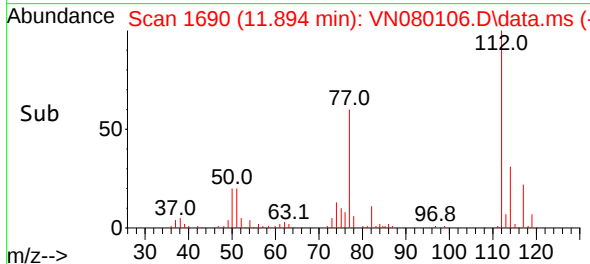
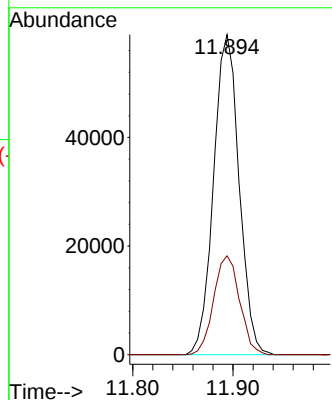
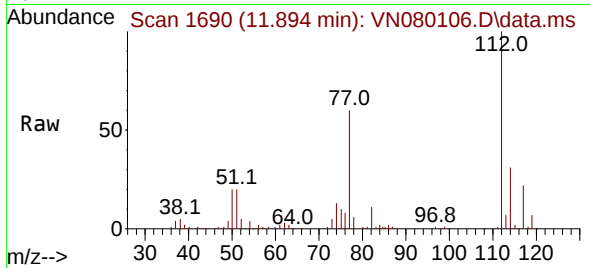
#65
Chlorobenzene
Concen: 19.188 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:112 Resp: 104200
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

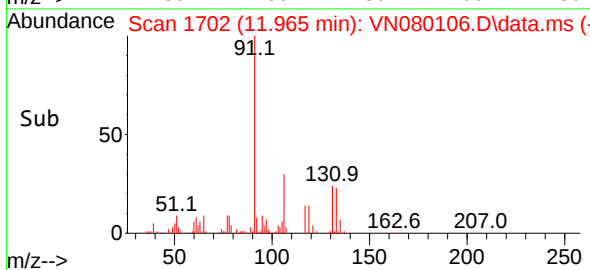
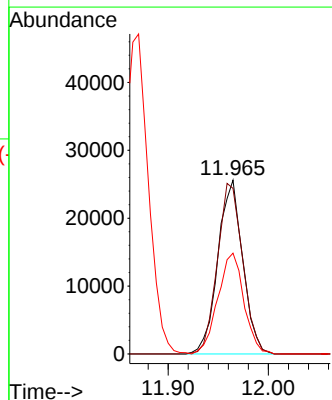
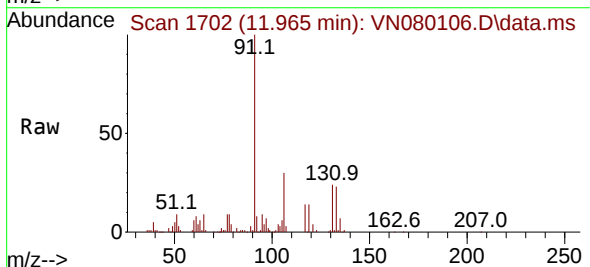
Manual Integrations
APPROVED

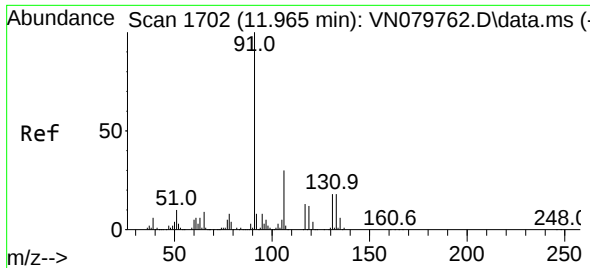
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.516 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:131 Resp: 44053
Ion Ratio Lower Upper
131 100
133 100.2 46.4 139.1
119 60.7 34.1 102.2





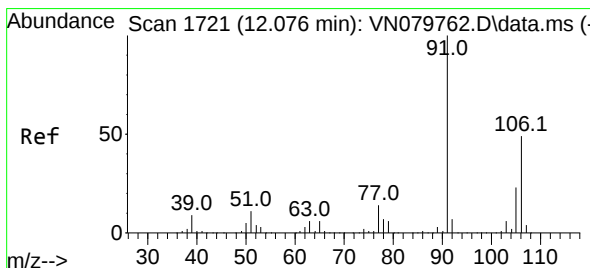
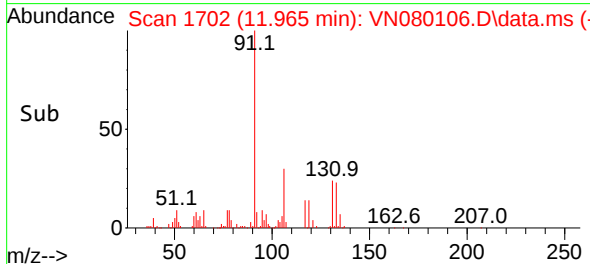
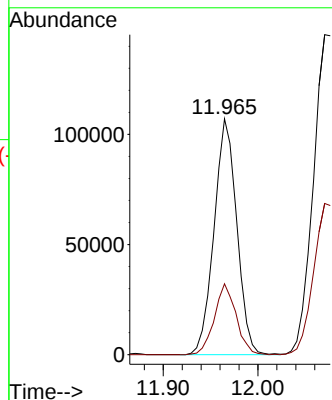
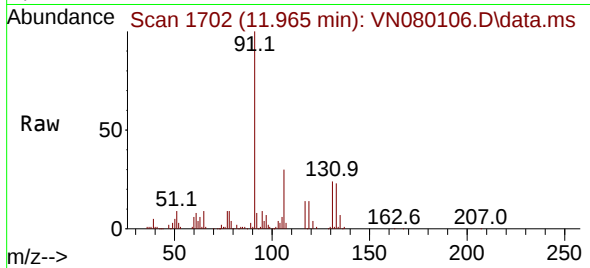
#67
Ethyl Benzene
Concen: 18.890 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 91 Resp: 178725
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

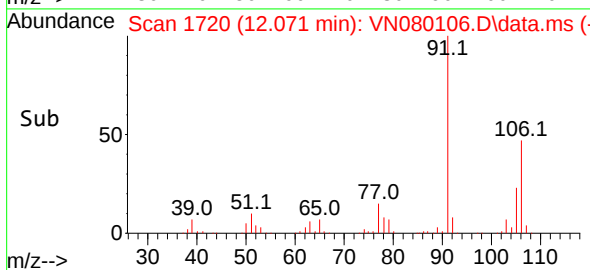
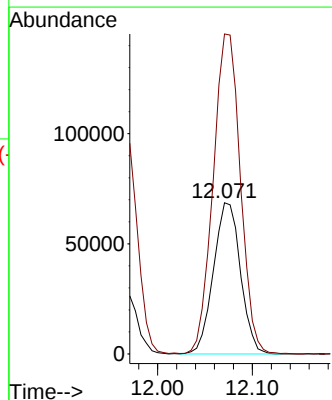
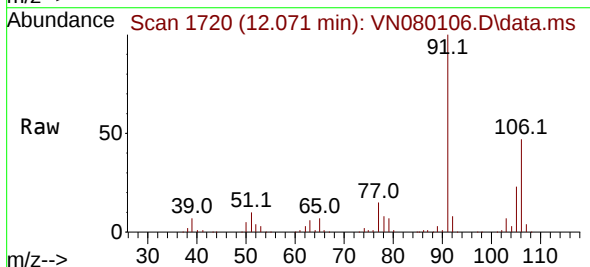
Manual Integrations
APPROVED

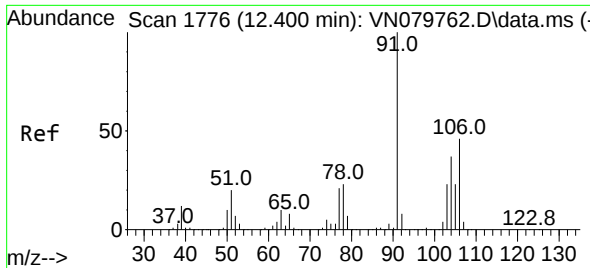
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 38.563 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:106 Resp: 135913
Ion Ratio Lower Upper
106 100
91 213.6 159.6 239.4





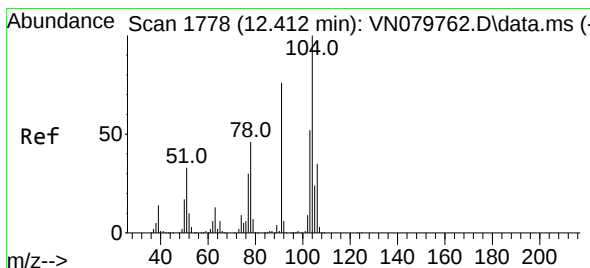
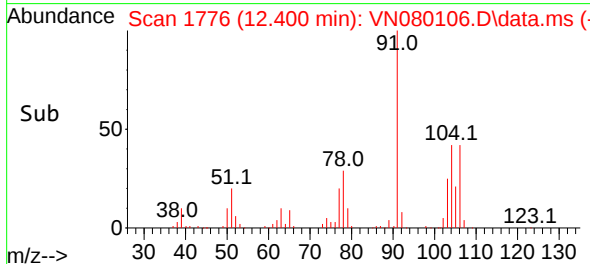
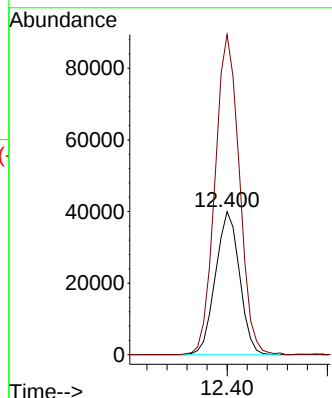
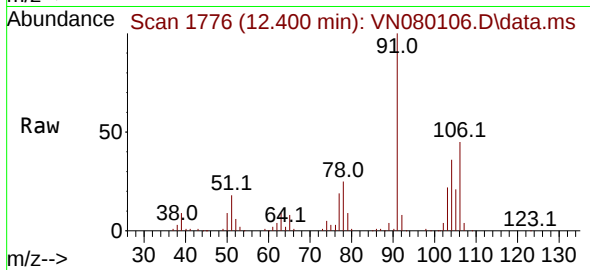
#69
o-Xylene
Concen: 19.604 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:106 Resp: 6653
Ion Ratio Lower Upper
106 100
91 226.8 105.2 315.5

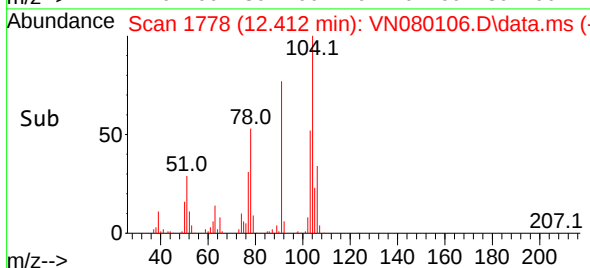
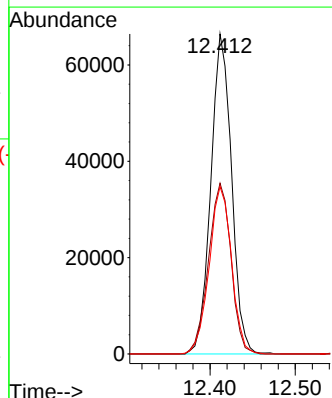
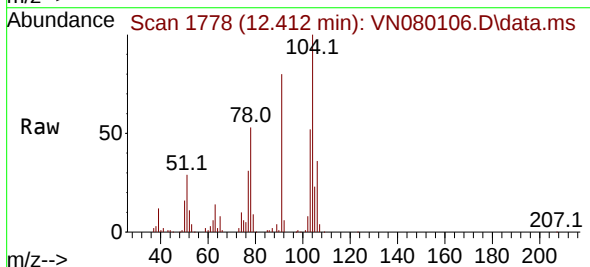
Manual Integrations
APPROVED

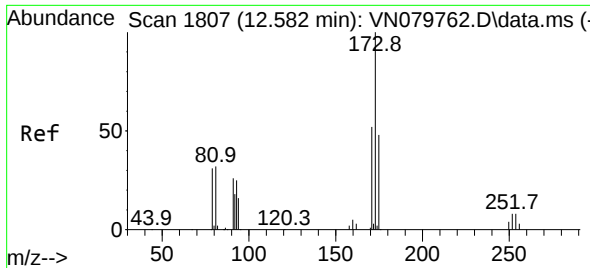
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 20.558 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

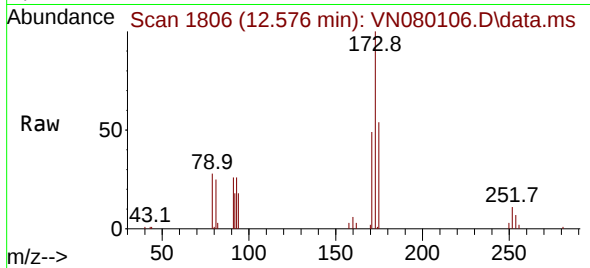
Tgt Ion:104 Resp: 112126
Ion Ratio Lower Upper
104 100
78 57.8 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 23.849 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

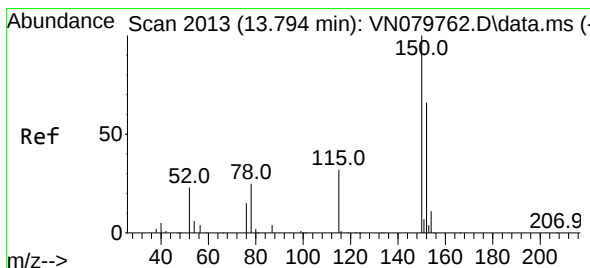
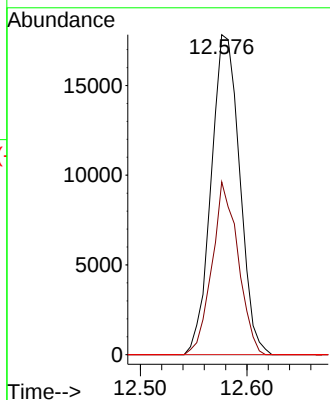
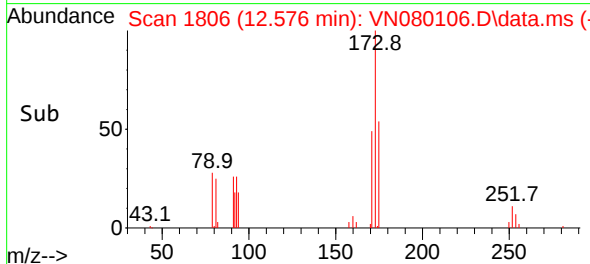
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



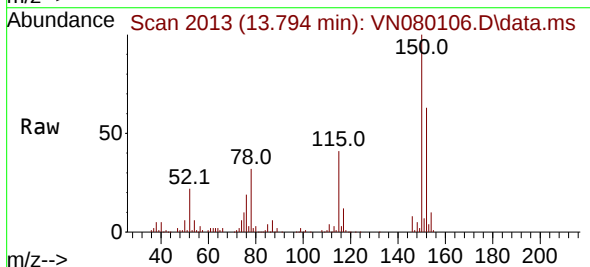
Tgt Ion:173 Resp: 33134
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

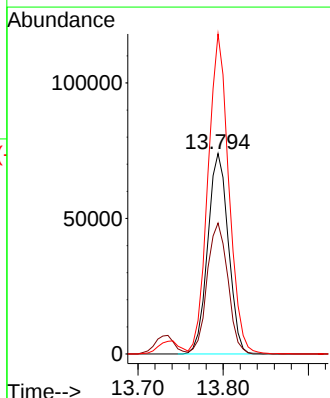
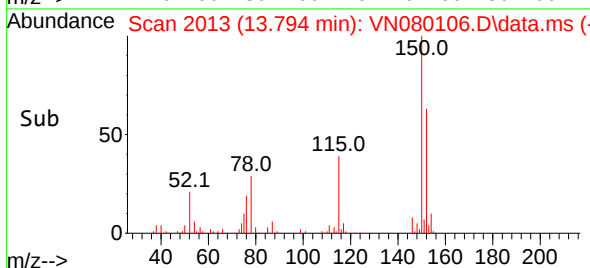
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

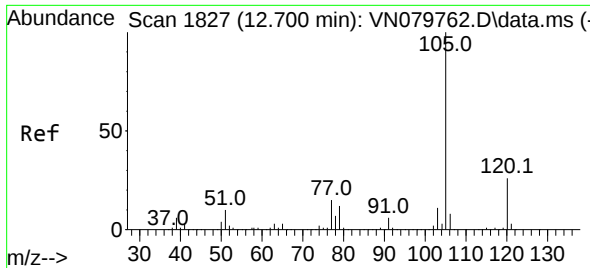


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



Tgt Ion:152 Resp: 124050
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 161.5 0.0 355.8





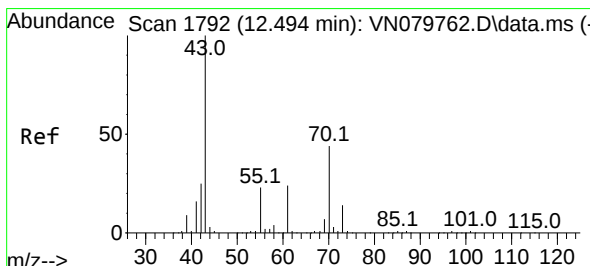
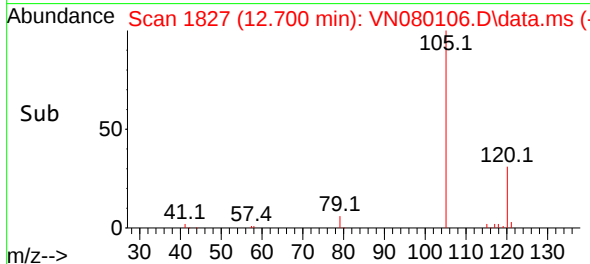
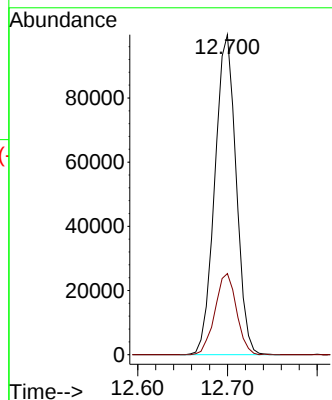
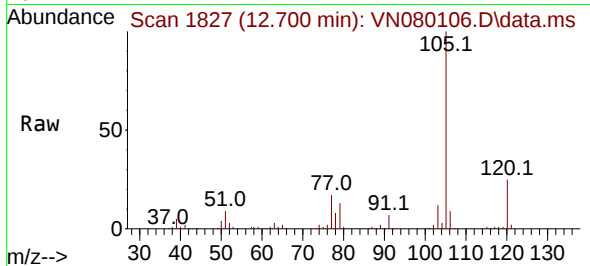
#73
Isopropylbenzene
Concen: 17.428 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:105 Resp: 16408
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

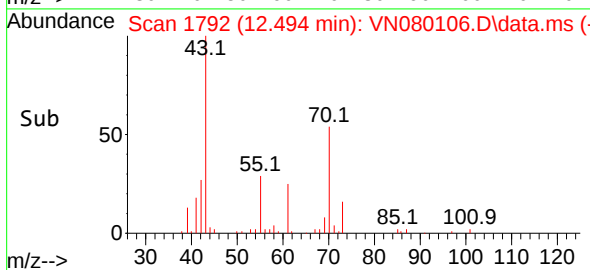
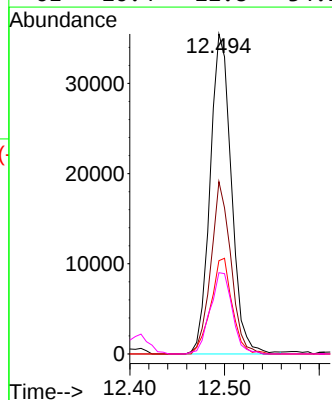
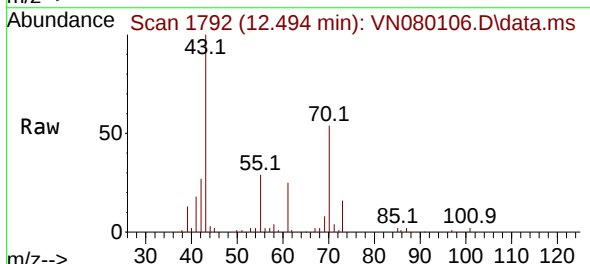
Manual Integrations
APPROVED

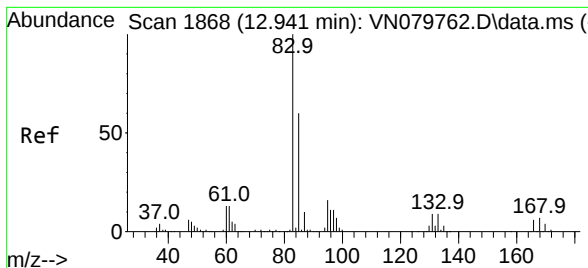
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 13.451 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 43 Resp: 55277
Ion Ratio Lower Upper
43 100
70 50.5 43.4 65.2
55 30.1 21.4 32.0
61 26.4 22.8 34.2





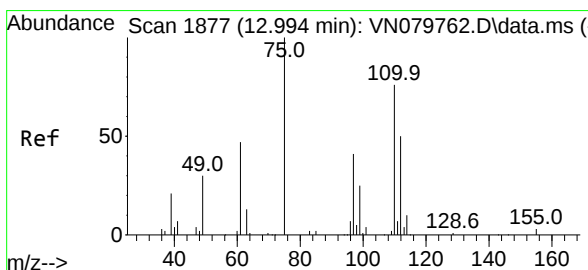
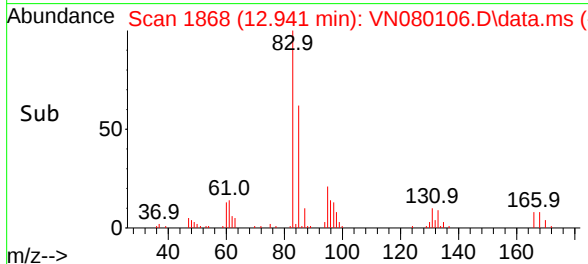
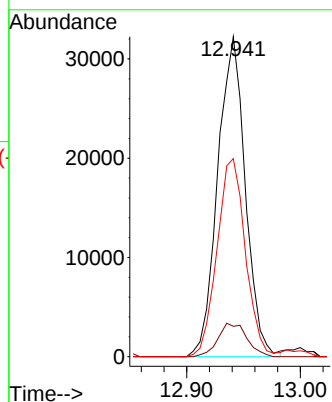
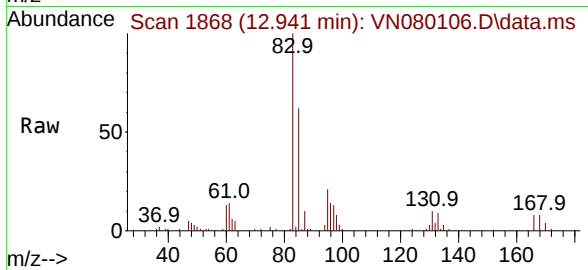
#75
1,1,2,2-Tetrachloroethane
Concen: 16.310 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 83 Resp: 5444
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 63.4 31.9 95.7

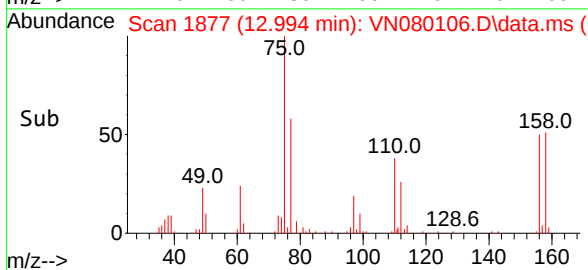
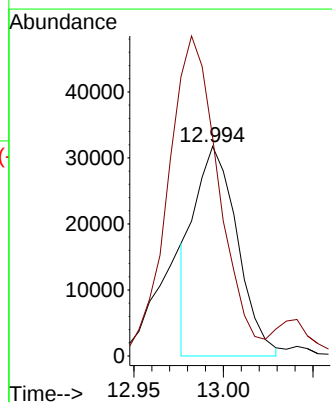
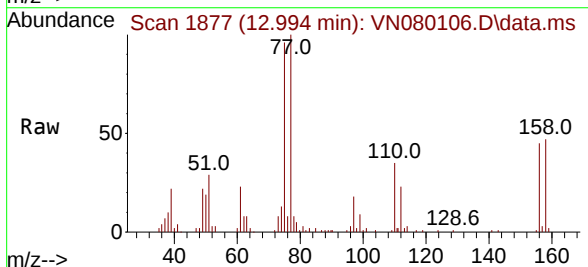
Manual Integrations
APPROVED

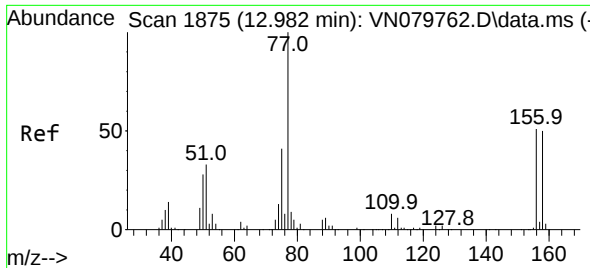
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 18.163 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 75 Resp: 52897
Ion Ratio Lower Upper
75 100
77 181.6 84.5 253.5





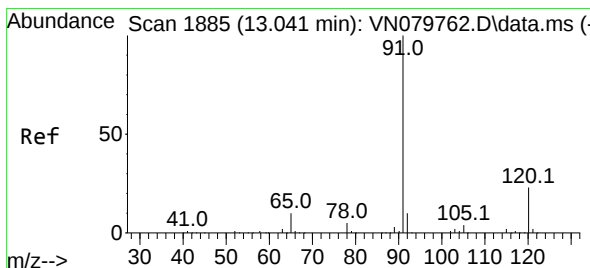
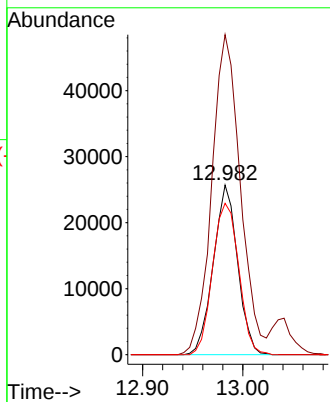
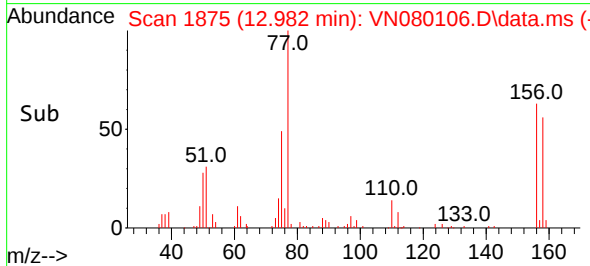
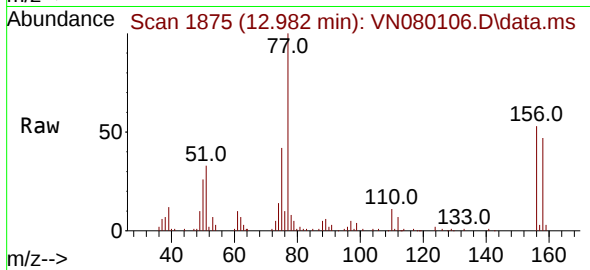
#77
Bromobenzene
Concen: 18.744 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:156 Resp: 4320
Ion Ratio Lower Upper
156 100
77 222.3 107.7 323.3
158 96.2 48.4 145.3

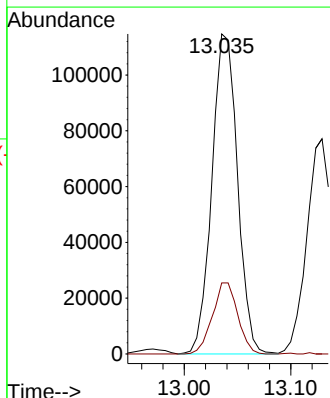
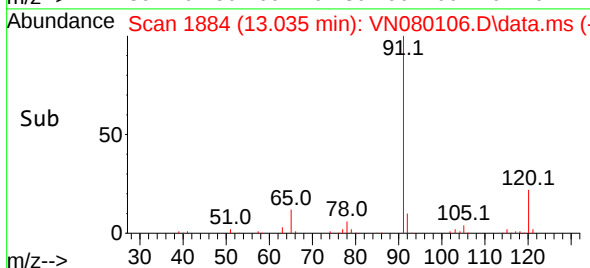
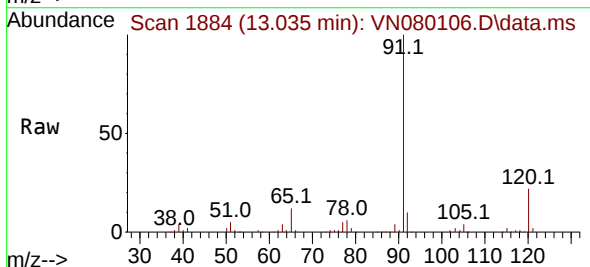
Manual Integrations
APPROVED

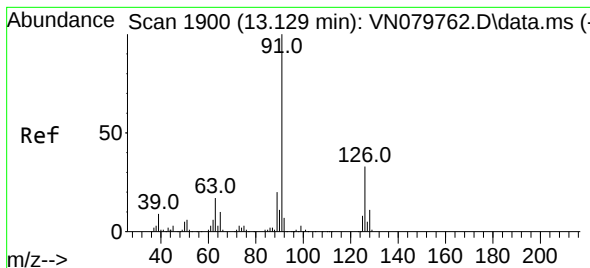
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#78
n-propylbenzene
Concen: 17.779 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 91 Resp: 191682
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





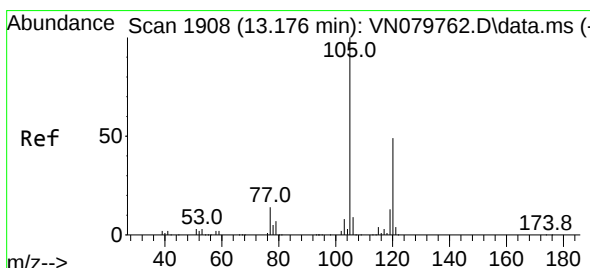
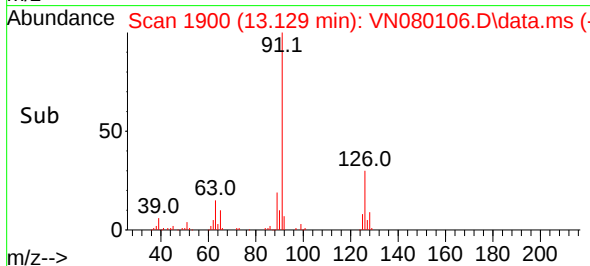
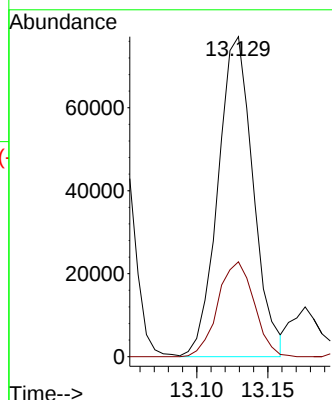
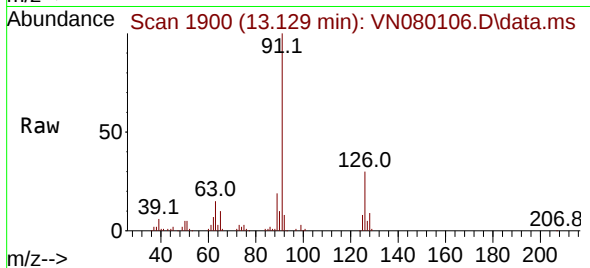
#79
2-Chlorotoluene
Concen: 19.343 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 91 Resp: 133225
Ion Ratio Lower Upper
91 100
126 30.4 16.3 48.8

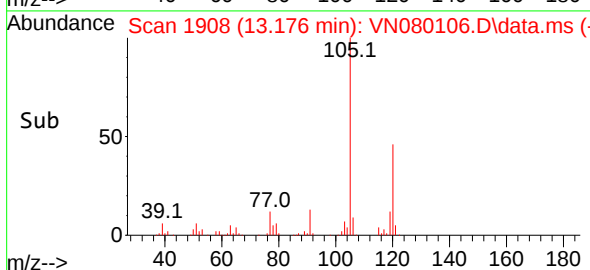
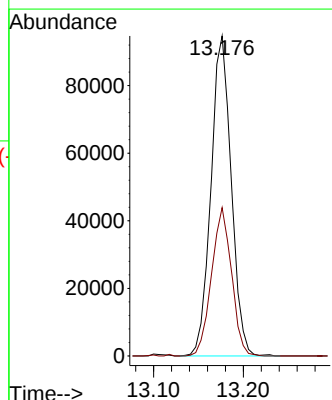
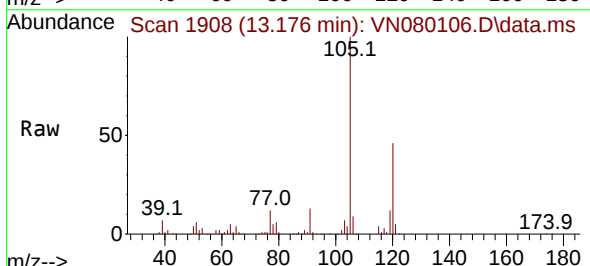
Manual Integrations
APPROVED

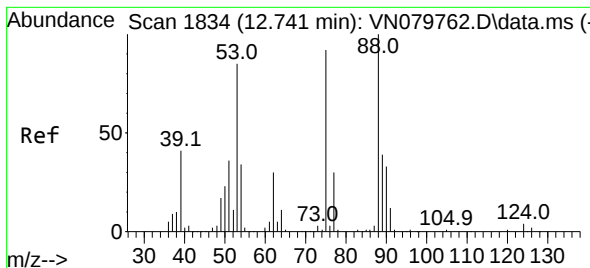
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.300 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

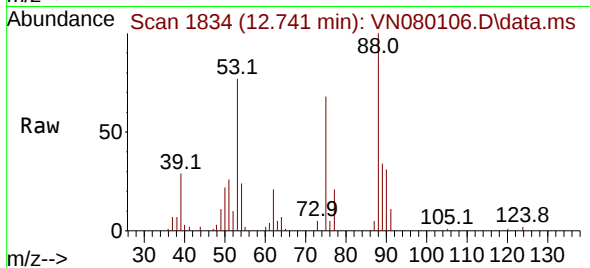
Tgt Ion:105 Resp: 148696
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.933 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

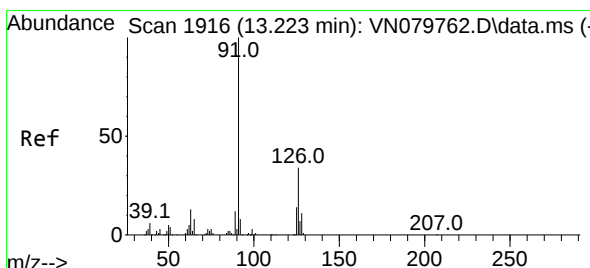
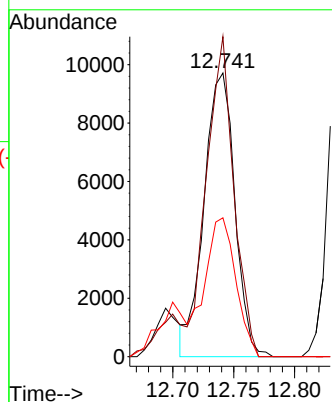
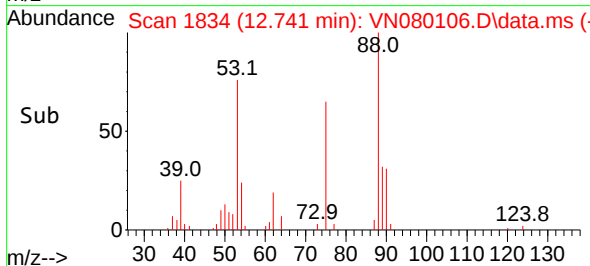
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



Tgt Ion: 75 Resp: 17058
Ion Ratio Lower Upper
75 100
53 99.3 67.4 101.2
89 49.6 38.8 58.2

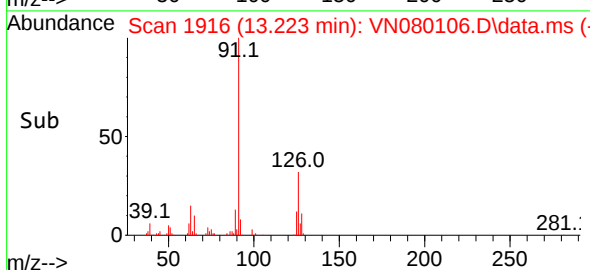
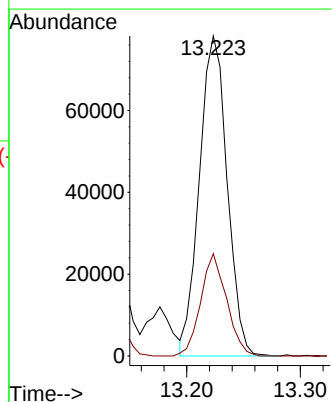
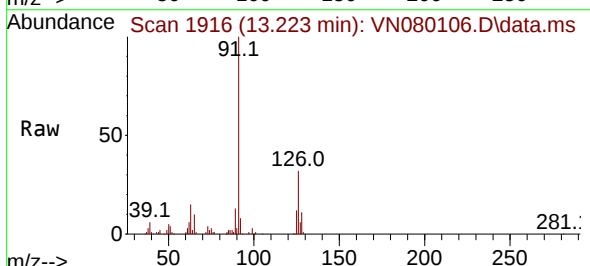
Manual Integrations
APPROVED

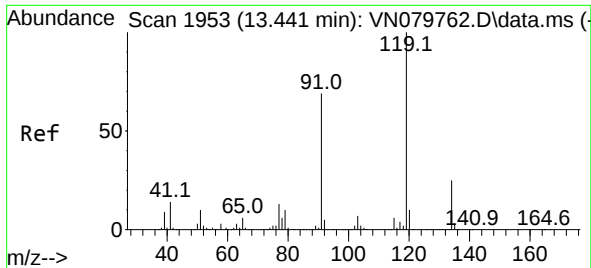
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 19.398 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

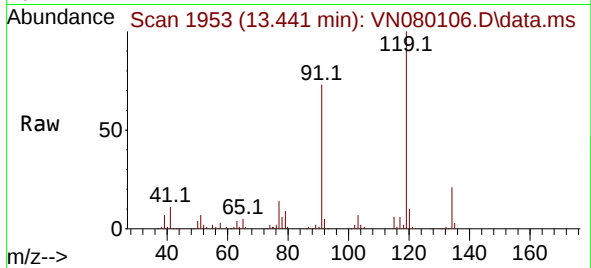
Tgt Ion: 91 Resp: 132759
Ion Ratio Lower Upper
91 100
126 29.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.375 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

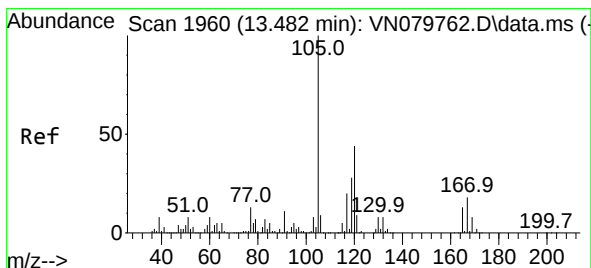
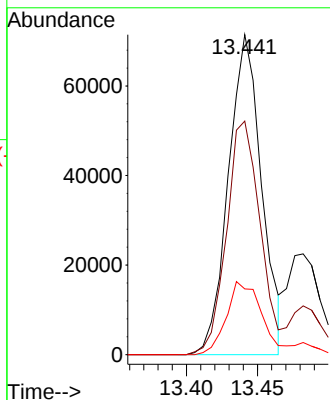
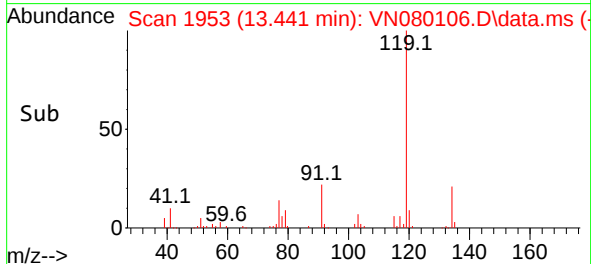
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



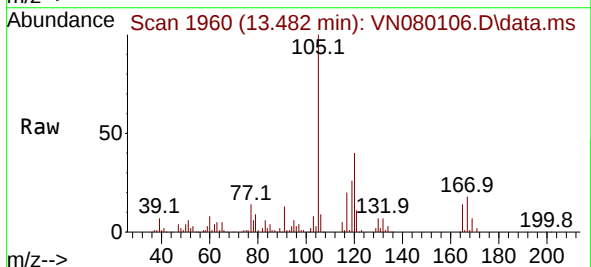
Tgt Ion:119 Resp: 116168
Ion Ratio Lower Upper
119 100
91 75.4 33.9 101.7
134 24.2 13.2 39.6

Manual Integrations
APPROVED

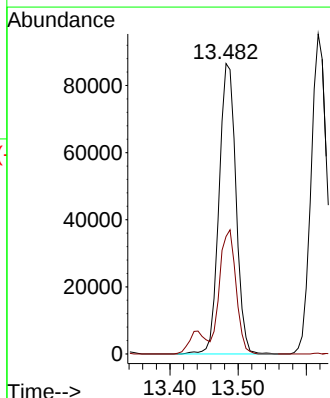
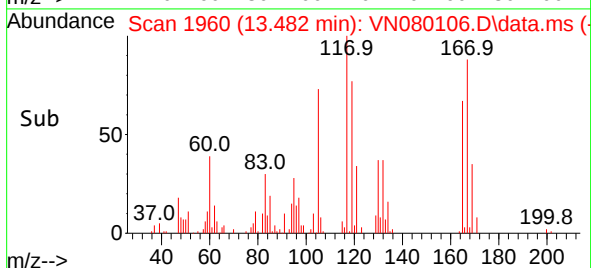
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

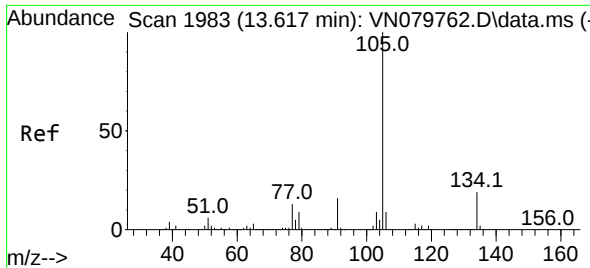


#84
1,2,4-Trimethylbenzene
Concen: 20.699 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



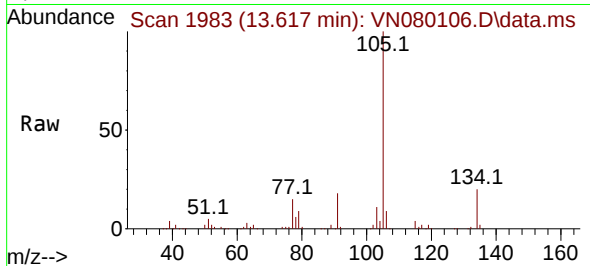
Tgt Ion:105 Resp: 149169
Ion Ratio Lower Upper
105 100
120 41.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.570 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31

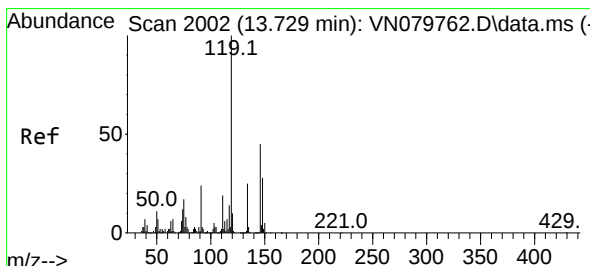
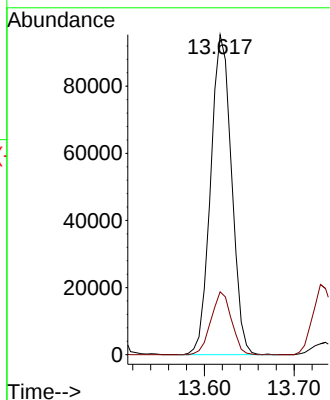
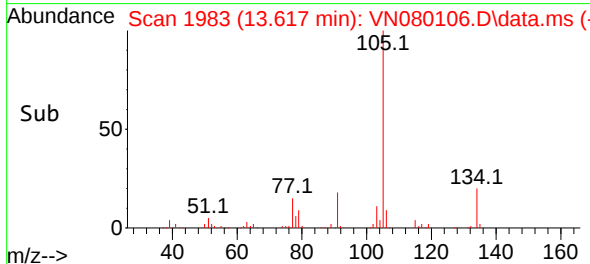
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01



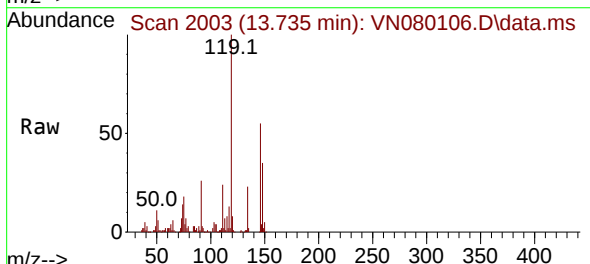
Tgt Ion:105 Resp: 15426
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

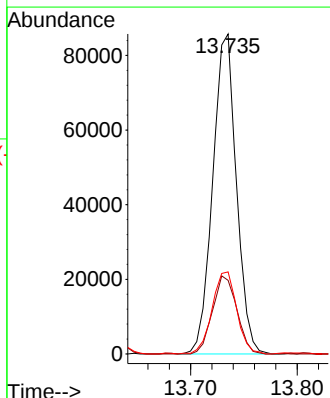
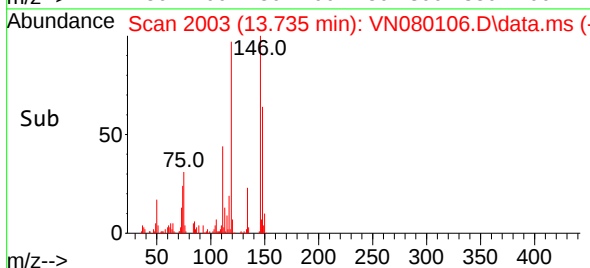
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 19.499 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080106.D
 Acq: 15 Nov 2023 13:31



Tgt Ion:119 Resp: 132057
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.7 12.4 37.2





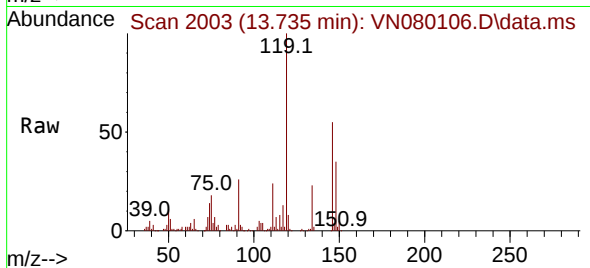
#87
1,3-Dichlorobenzene
Concen: 18.404 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01



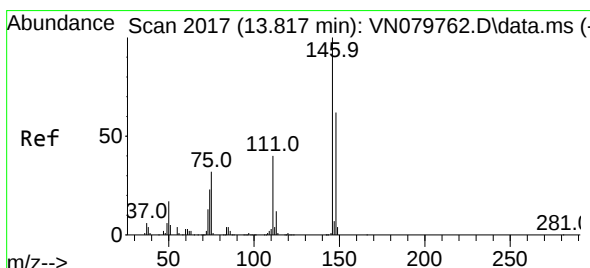
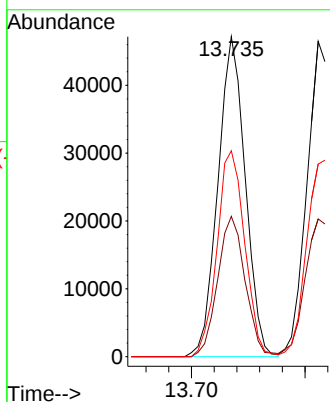
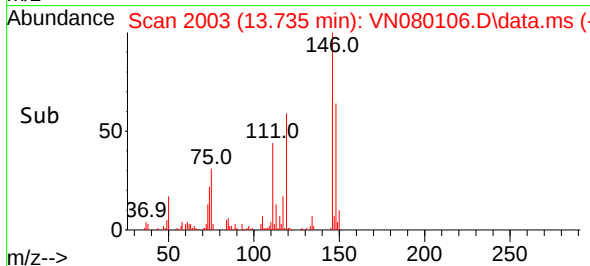
Tgt Ion:146 Resp: 78912
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 65.1 32.0 96.0

Manual Integrations

APPROVED

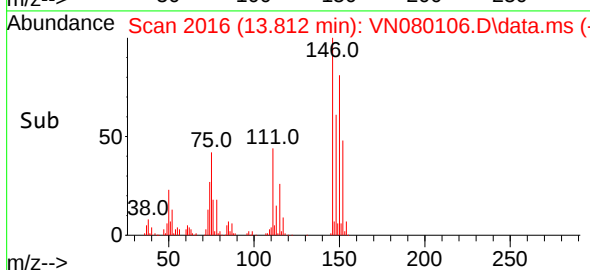
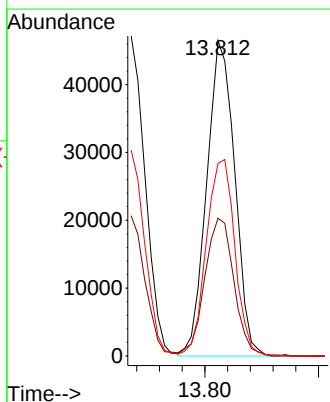
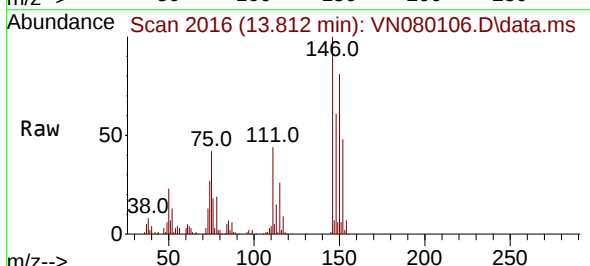
Reviewed By :John Carlone 11/16/2023

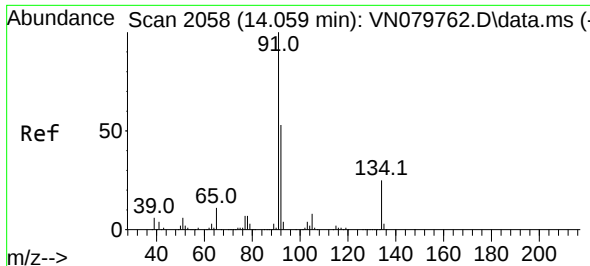
Supervised By :Mahesh Dadoda 11/17/2023



#88
1,4-Dichlorobenzene
Concen: 18.340 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:146 Resp: 79820
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.8
148 63.5 31.6 94.8





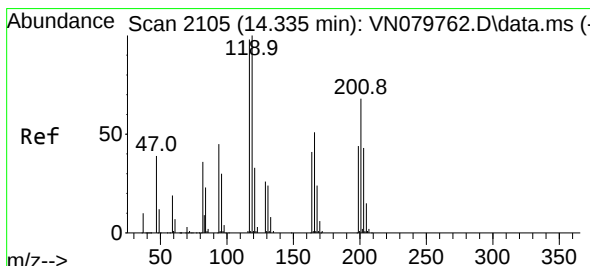
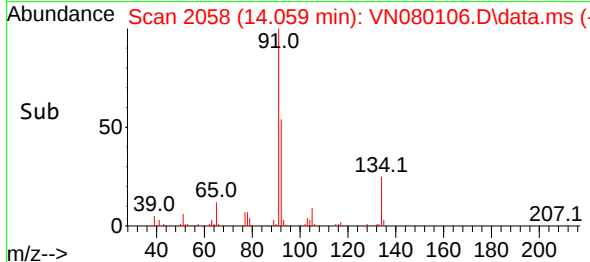
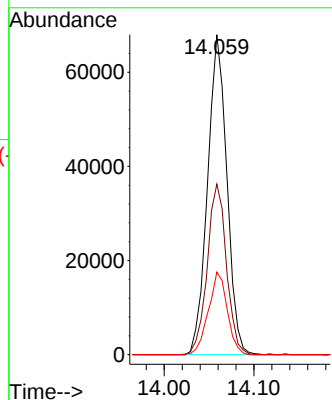
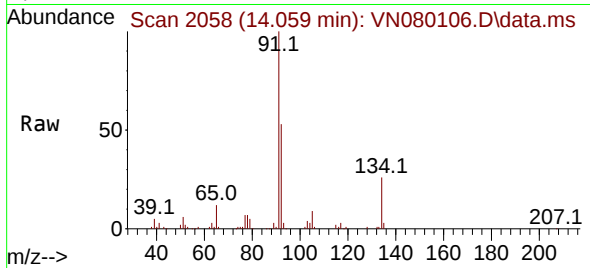
#89
n-Butylbenzene
Concen: 17.431 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 91 Resp: 10168
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 25.3 12.6 37.6

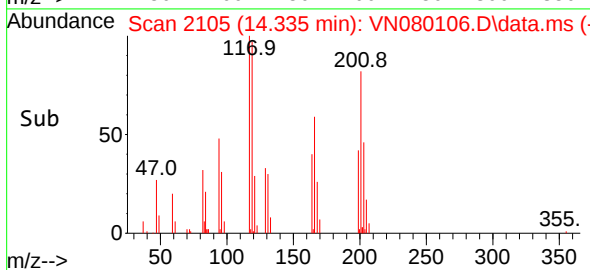
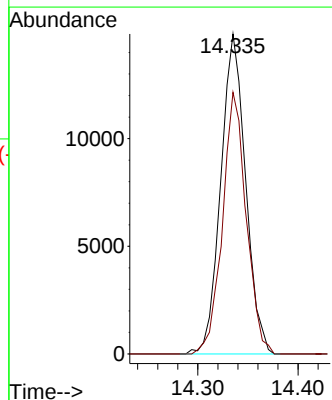
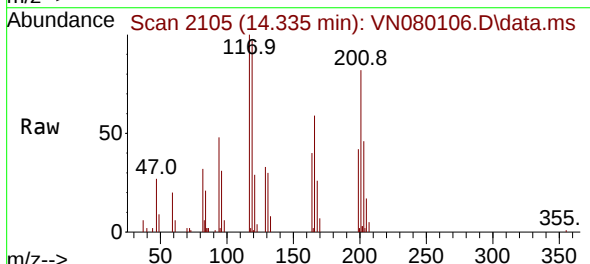
Manual Integrations
APPROVED

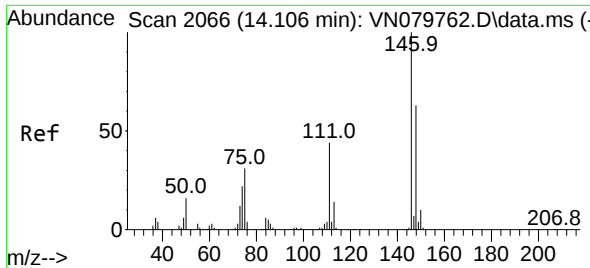
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 19.027 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion:117 Resp: 25520
Ion Ratio Lower Upper
117 100
201 78.2 29.3 88.0





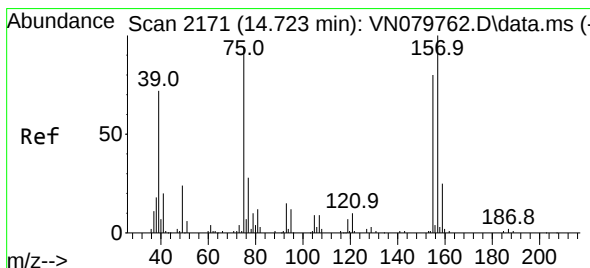
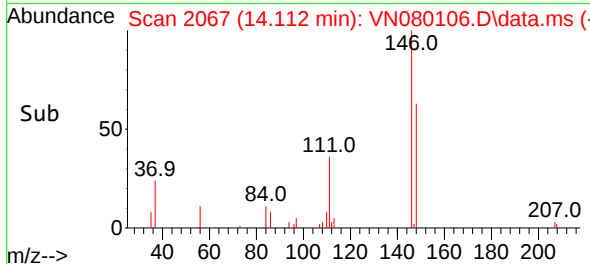
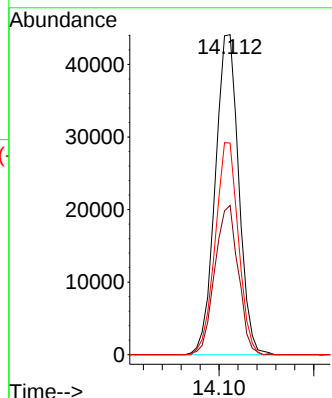
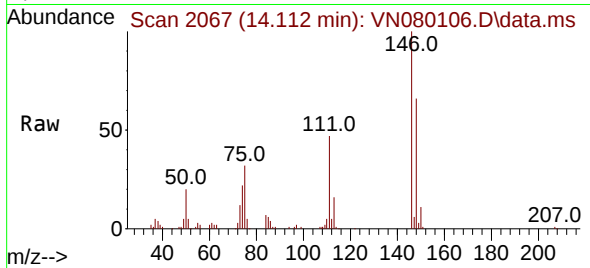
#91
1,2-Dichlorobenzene
Concen: 18.757 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:146 Resp: 75925
Ion Ratio Lower Upper
146 100
111 46.7 22.0 66.0
148 65.3 31.8 95.3

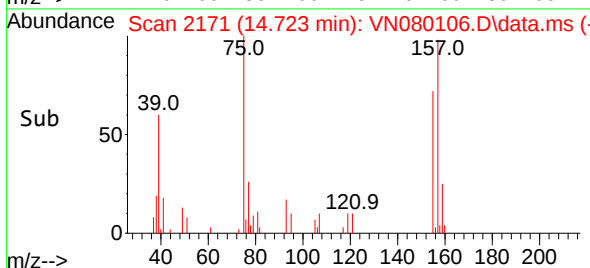
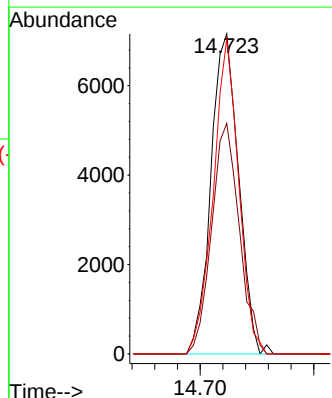
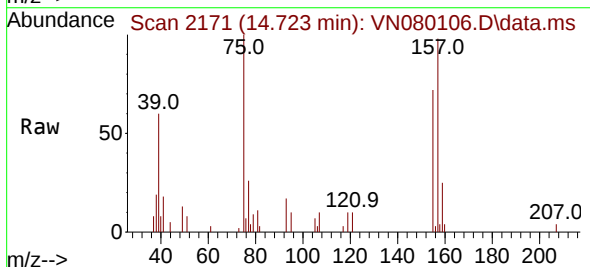
Manual Integrations
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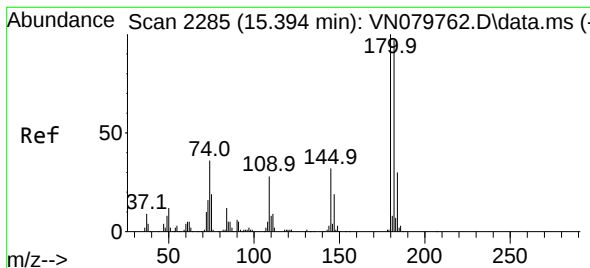
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.402 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

Tgt Ion: 75 Resp: 12115
Ion Ratio Lower Upper
75 100
155 72.3 39.1 117.2
157 90.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.788 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion:180 Resp: 3808

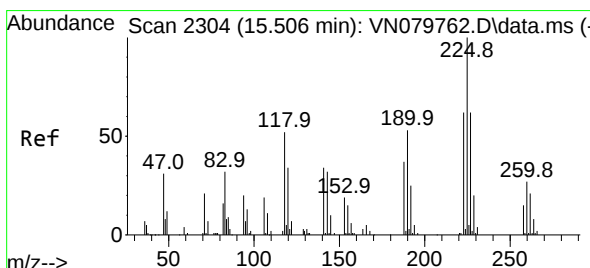
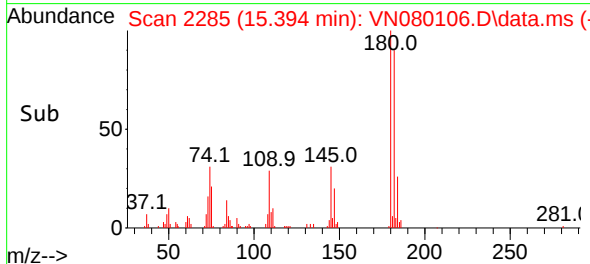
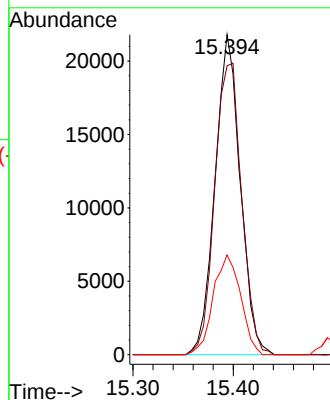
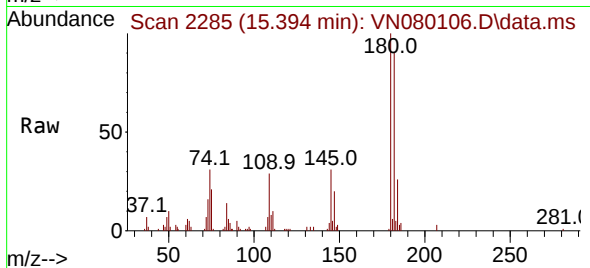
Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.1	138.2
145	33.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 22.865 ug/l

RT: 15.506 min Scan# 2304

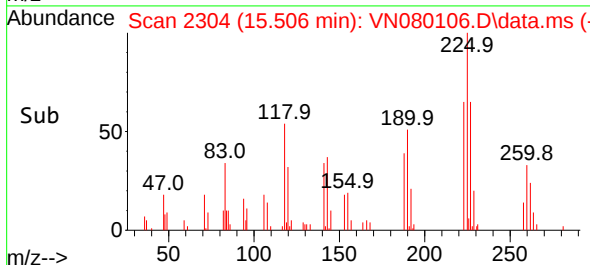
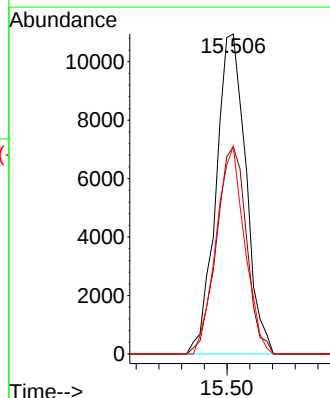
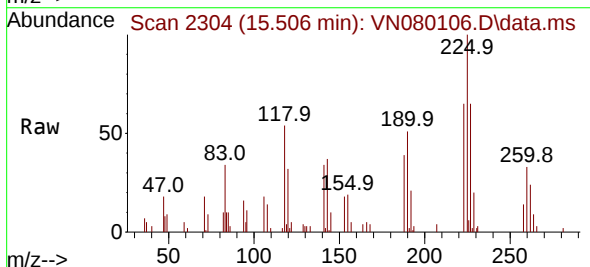
Delta R.T. 0.000 min

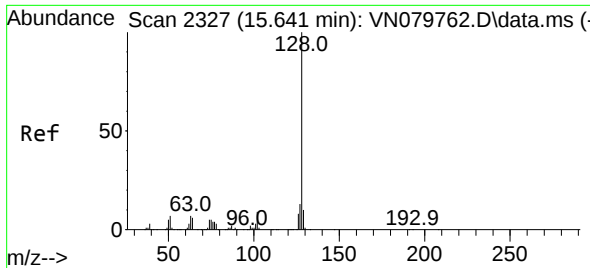
Lab File: VN080106.D

Acq: 15 Nov 2023 13:31

Tgt Ion:225 Resp: 19950

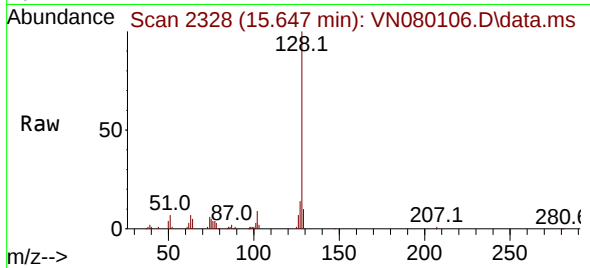
Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.3	93.8
227	62.2	31.9	95.9





#95
Naphthalene
Concen: 15.846 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31

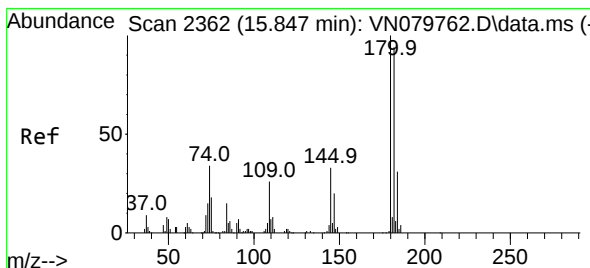
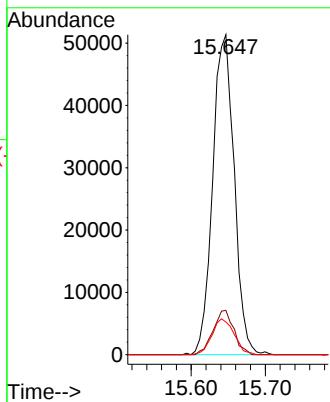
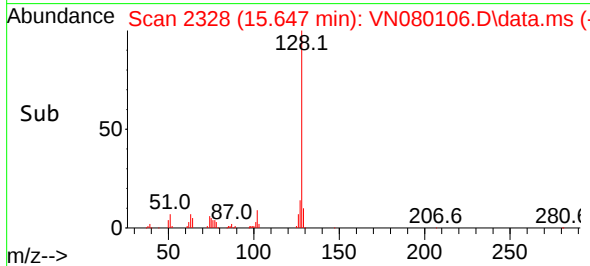
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01



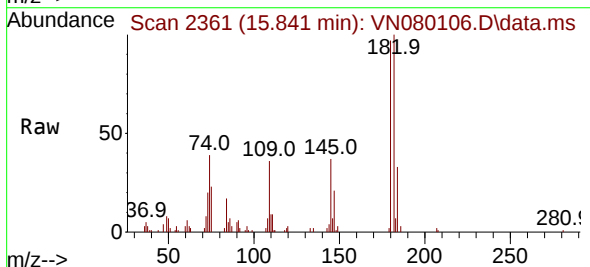
Tgt Ion:128 Resp: 103428
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.633 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080106.D
Acq: 15 Nov 2023 13:31



Tgt Ion:180 Resp: 37040
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 33.6 17.5 52.6

