

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080296.D
 Acq On : 28 Nov 2023 15:04
 Operator : JC\MD
 Sample : 05551-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110MS

Quant Time: Nov 29 00:37:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	386246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195737	48.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.260%		
35) Dibromofluoromethane	8.165	113	146449	51.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.780%		
50) Toluene-d8	10.571	98	525025	51.104	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.200%		
62) 4-Bromofluorobenzene	12.847	95	197767	50.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	170437	46.453	ug/l	97
3) Chloromethane	2.360	50	122885	44.548	ug/l	100
4) Vinyl Chloride	2.518	62	140199	48.026	ug/l	98
5) Bromomethane	2.954	94	89022	44.921	ug/l	100
6) Chloroethane	3.124	64	90972	50.444	ug/l	96
7) Trichlorofluoromethane	3.501	101	294725	48.398	ug/l	99
8) Diethyl Ether	3.959	74	84610	47.775	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	136349	48.987	ug/l	94
10) Methyl Iodide	4.589	142	151891	50.495	ug/l #	87
11) Tert butyl alcohol	5.506	59	92239	206.238	ug/l	99
12) 1,1-Dichloroethene	4.342	96	132393	50.855	ug/l	94
13) Acrolein	4.177	56	85177	215.199	ug/l	96
14) Allyl chloride	5.018	41	155184	47.379	ug/l	93
15) Acrylonitrile	5.712	53	286181	238.356	ug/l	99
16) Acetone	4.424	43	199446	146.006	ug/l	93
17) Carbon Disulfide	4.712	76	336334	43.268	ug/l	100
18) Methyl Acetate	5.018	43	205890	46.910	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	468274	50.934	ug/l	99
20) Methylene Chloride	5.277	84	152215	53.210	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	142415	49.796	ug/l #	83
22) Diisopropyl ether	6.671	45	376272	51.924	ug/l	94
23) Vinyl Acetate	6.600	43	1055969	242.384	ug/l	93
24) 1,1-Dichloroethane	6.565	63	259122	49.095	ug/l	96
25) 2-Butanone	7.483	43	305118	187.998	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	255328	48.760	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	165022	50.893	ug/l	89
28) Bromochloromethane	7.812	49	104242	50.238	ug/l	96
29) Tetrahydrofuran	7.836	42	199419	228.865	ug/l	93
30) Chloroform	7.965	83	301229	51.062	ug/l	95
31) Cyclohexane	8.259	56	189653	42.879	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	288545	50.155	ug/l	100
36) 1,1-Dichloropropene	8.371	75	209093	50.674	ug/l	95
37) Ethyl Acetate	7.559	43	131727	46.025	ug/l	97
38) Carbon Tetrachloride	8.365	117	264157	50.448	ug/l	98
39) Methylcyclohexane	9.600	83	198699	49.943	ug/l	94
40) Benzene	8.606	78	587223	50.074	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	77951	49.594	ug/l	92
42) 1,2-Dichloroethane	8.671	62	242360	50.514	ug/l	95
43) Isopropyl Acetate	8.688	43	234787	42.155	ug/l	98
44) Trichloroethene	9.353	130	156865	50.993	ug/l	90
45) 1,2-Dichloropropane	9.624	63	141071	51.763	ug/l	97
46) Dibromomethane	9.712	93	106661	51.703	ug/l	91
47) Bromodichloromethane	9.888	83	237958	52.437	ug/l	95
48) Methyl methacrylate	9.683	41	144603	50.380	ug/l	89
49) 1,4-Dioxane	9.688	88	39436	825.896	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	689333	239.061	ug/l	98
52) Toluene	10.630	92	380557	51.853	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	237201	50.875	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	244215	51.270	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	141642	50.566	ug/l	97
56) Ethyl methacrylate	10.877	69	152870	53.421	ug/l	92
57) 1,3-Dichloropropane	11.165	76	249841	51.086	ug/l	99
59) 2-Hexanone	11.194	43	497413	214.675	ug/l	96
60) Dibromochloromethane	11.359	129	179247	53.450	ug/l	100
61) 1,2-Dibromoethane	11.471	107	144213	50.466	ug/l	99
64) Tetrachloroethene	11.106	164	153575	57.062	ug/l	97
65) Chlorobenzene	11.894	112	394809	49.406	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	161824	52.184	ug/l	94
67) Ethyl Benzene	11.965	91	725948	51.053	ug/l	97
68) m/p-Xylenes	12.071	106	543400	104.811	ug/l	89
69) o-Xylene	12.400	106	259820	53.176	ug/l	89
70) Styrene	12.412	104	388117	53.369	ug/l	93
71) Bromoform	12.582	173	117781	51.216	ug/l #	99
73) Isopropylbenzene	12.694	105	684581	50.864	ug/l	98
74) N-amyl acetate	12.494	43	192738	45.921	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	182707	45.357	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	173376m	40.855	ug/l	
77) Bromobenzene	12.982	156	167956	49.496	ug/l	97
78) n-propylbenzene	13.035	91	760994	50.563	ug/l	99
79) 2-Chlorotoluene	13.124	91	484425	49.558	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	591430	50.480	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	56294	44.818	ug/l #	76
82) 4-Chlorotoluene	13.224	91	498976	49.828	ug/l	96
83) tert-Butylbenzene	13.441	119	464663	49.457	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	590916	51.222	ug/l	97
85) sec-Butylbenzene	13.618	105	608075	51.161	ug/l	100
86) p-Isopropyltoluene	13.729	119	555297	52.301	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	294872	48.232	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	290184	47.231	ug/l	97
89) n-Butylbenzene	14.059	91	456822	51.405	ug/l	99
90) Hexachloroethane	14.335	117	100082	48.352	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	283550	48.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38918	41.594	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	149404	43.909	ug/l	97
94) Hexachlorobutadiene	15.506	225	87848	44.864	ug/l	98
95) Naphthalene	15.641	128	384704	38.989	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136373	42.759	ug/l	96

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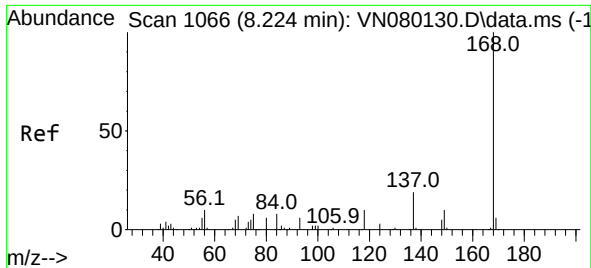
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/29/2023

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



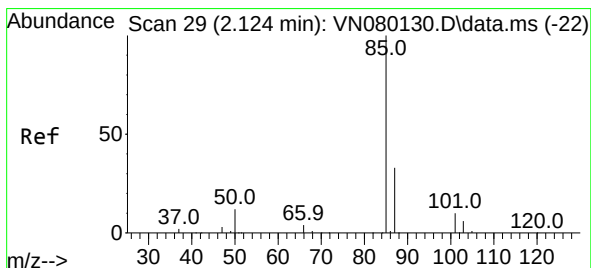
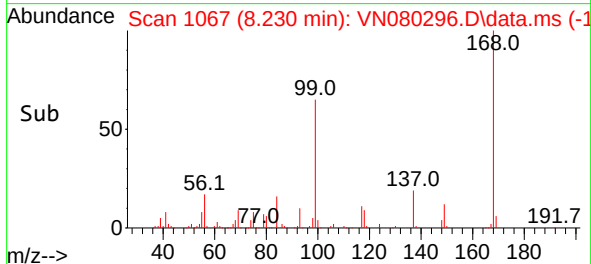
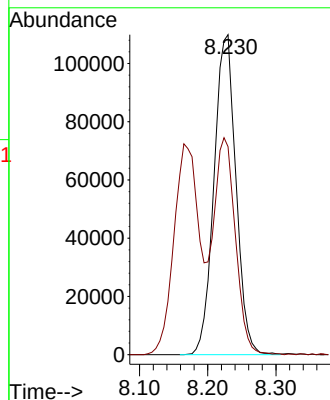
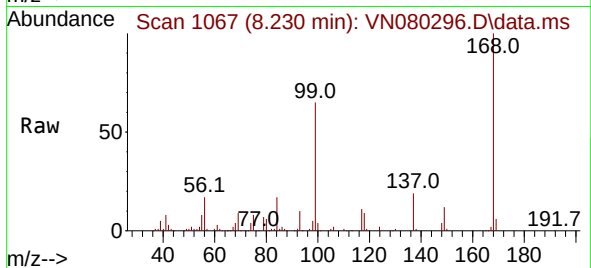
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
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ClientSampleId :
MW-110MS

Tgt Ion:168 Resp: 24631
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

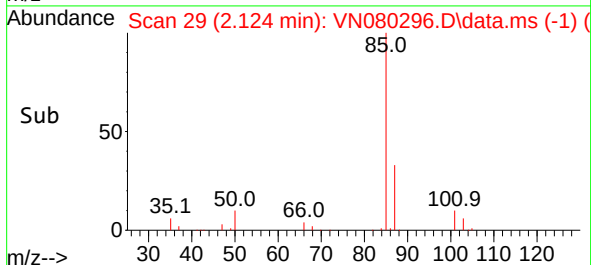
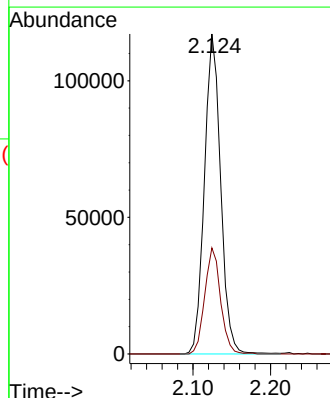
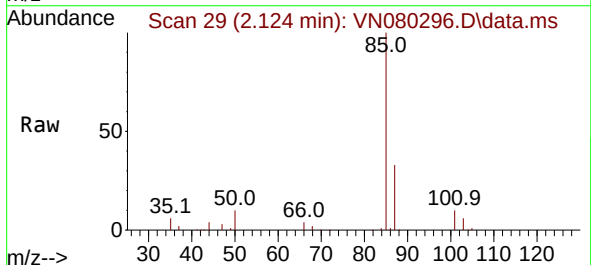
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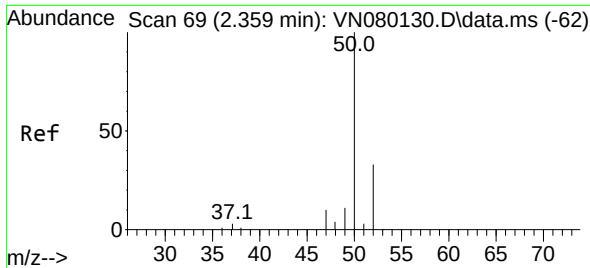
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#2
Dichlorodifluoromethane
Concen: 46.453 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

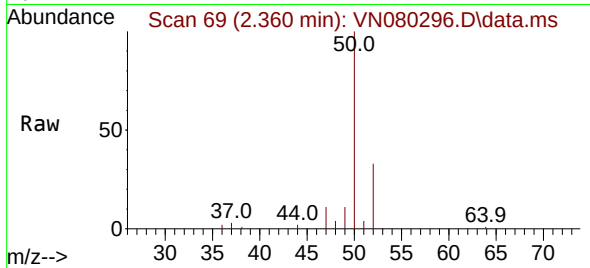
Tgt Ion: 85 Resp: 170437
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 44.548 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

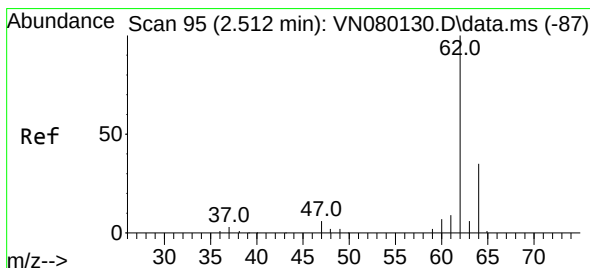
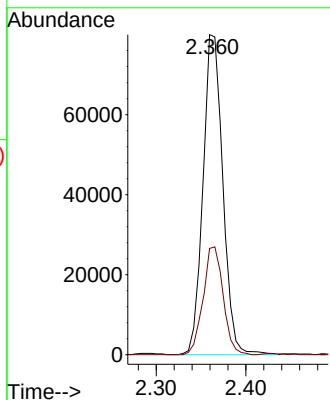
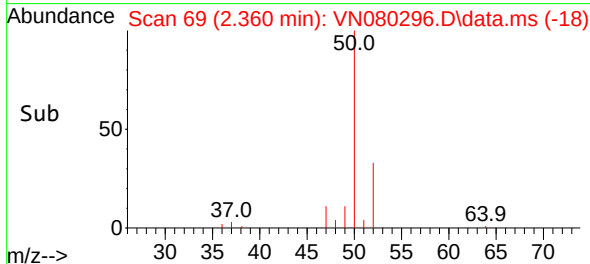
Instrument :
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Tgt Ion: 50 Resp: 12288
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

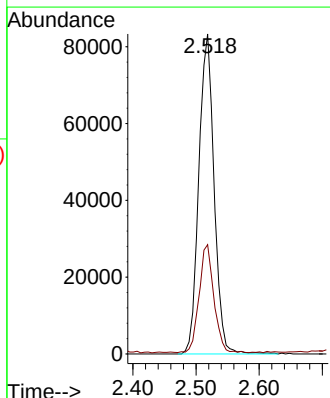
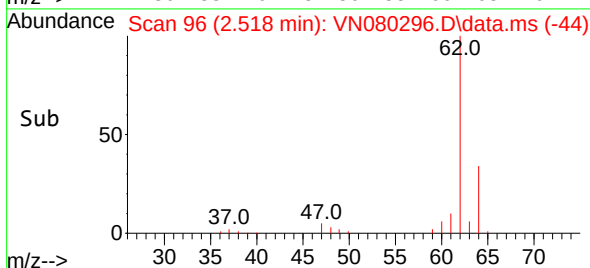
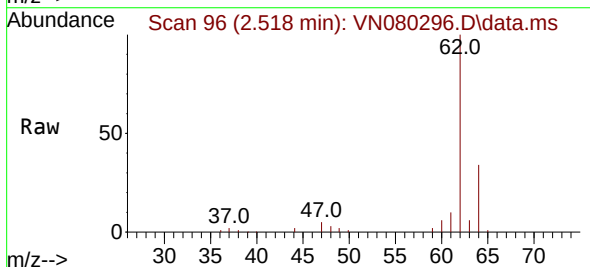
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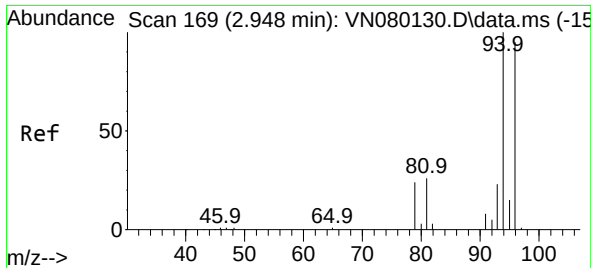
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#4
Vinyl Chloride
Concen: 48.026 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080296.D
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Tgt Ion: 62 Resp: 140199
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





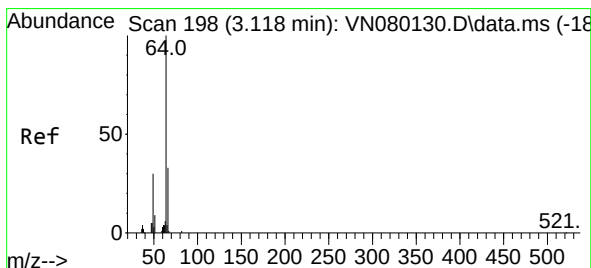
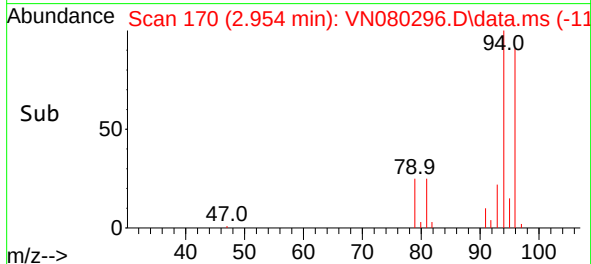
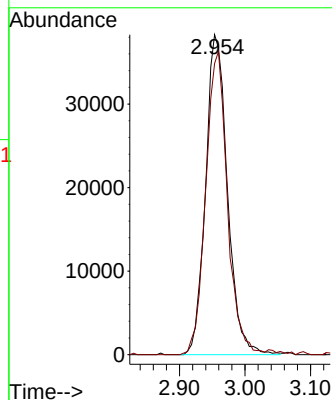
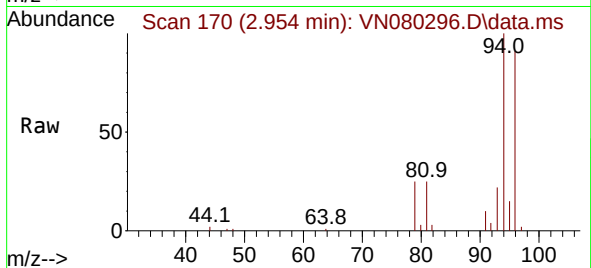
#5
Bromomethane
Concen: 44.921 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
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ClientSampleId :
MW-110MS

Tgt Ion: 94 Resp: 8902
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7

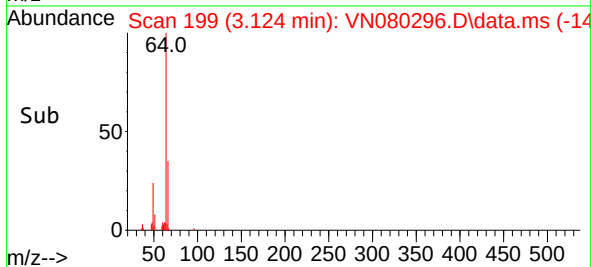
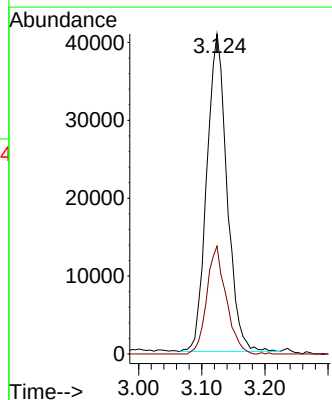
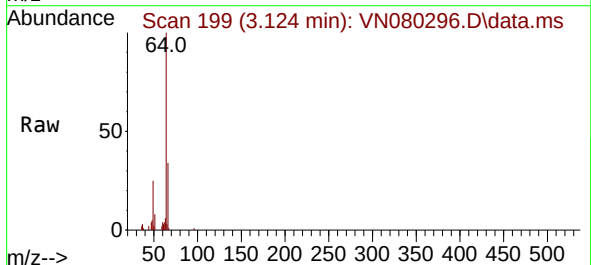
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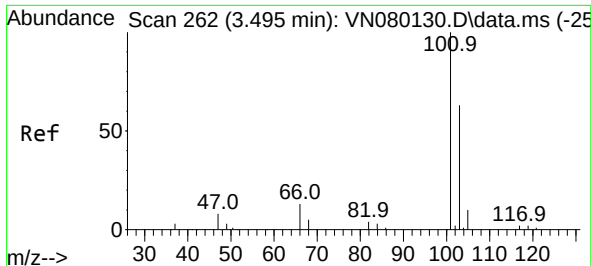
Reviewed By :John Carlone 11/29/2023
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#6
Chloroethane
Concen: 50.444 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

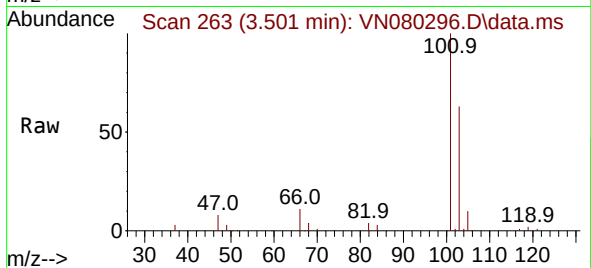
Tgt Ion: 64 Resp: 90972
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.398 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
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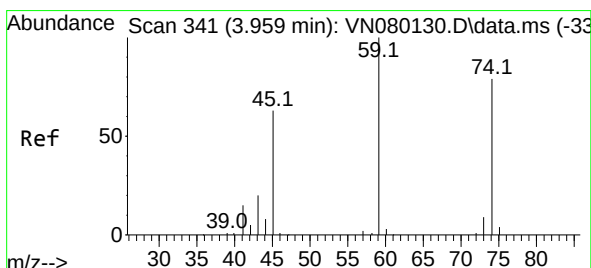
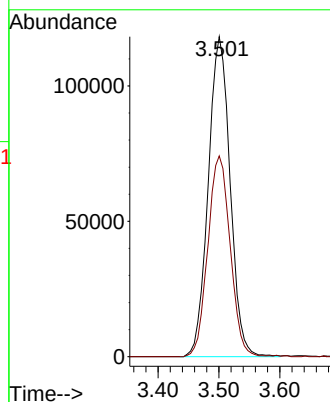
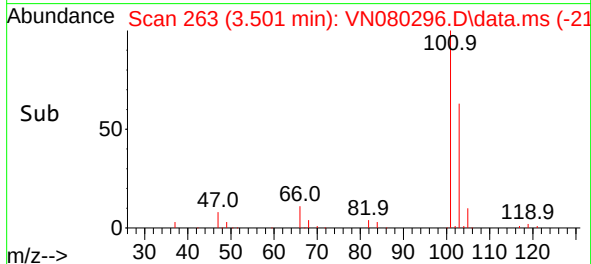
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Tgt Ion:101 Resp: 294725
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.7 76.1

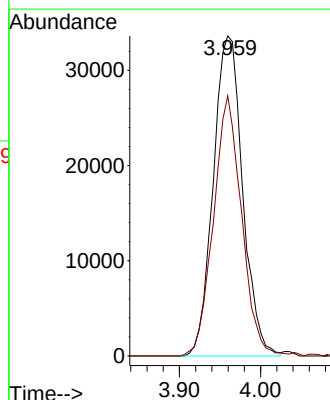
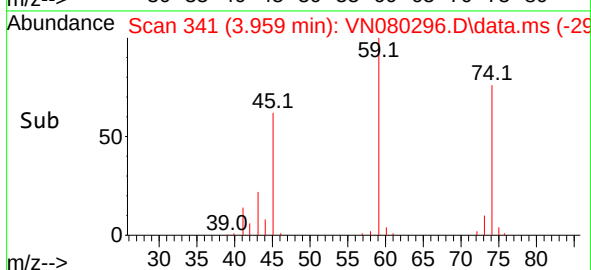
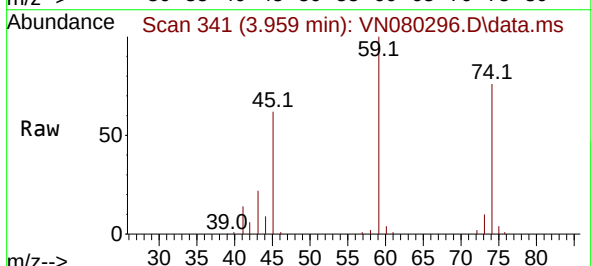
Manual Integrations
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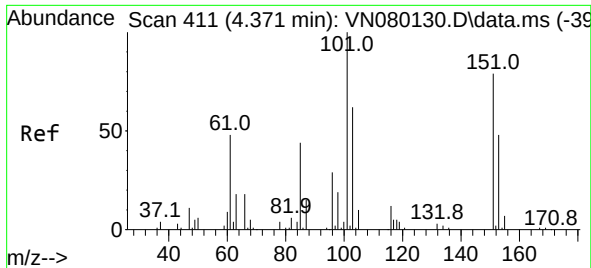
Reviewed By :John Carlone 11/29/2023
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#8
 Diethyl Ether
 Concen: 47.775 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 84610
 Ion Ratio Lower Upper
 74 100
 45 77.8 34.4 103.3





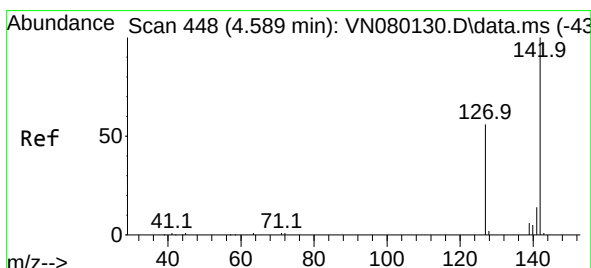
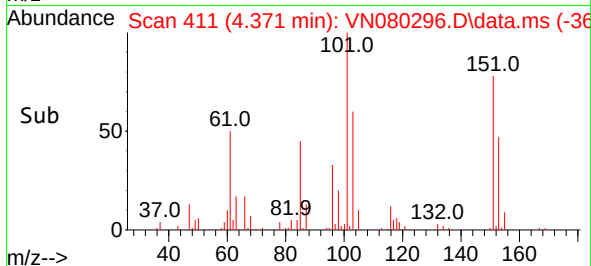
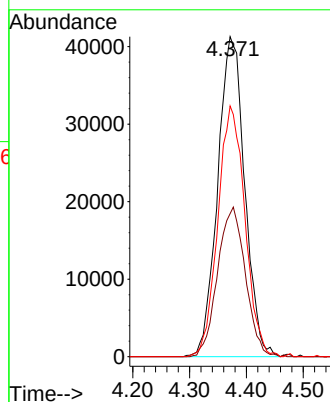
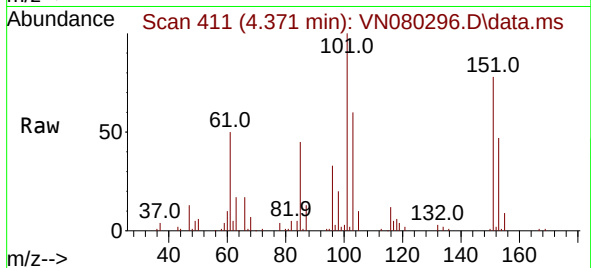
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1,1,2-Trichlorotrifluoroethane
Concen: 48.987 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080296.D
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ClientSampleId :
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Tgt Ion:101 Resp: 136349
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 78.6 57.6 86.4

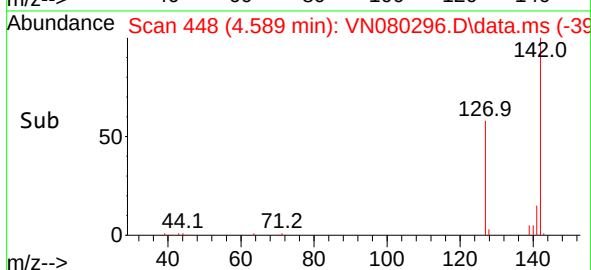
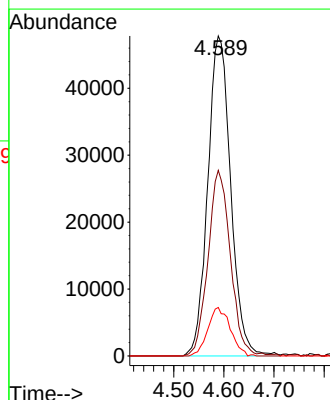
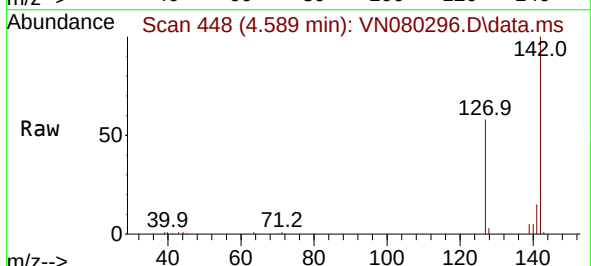
Manual Integrations
APPROVED

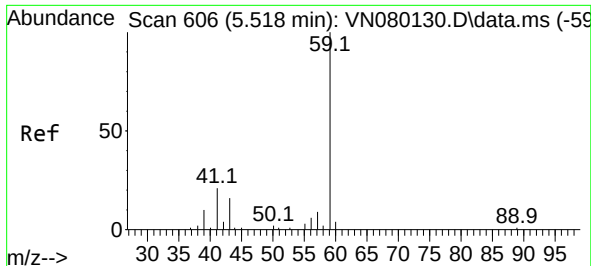
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 50.495 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

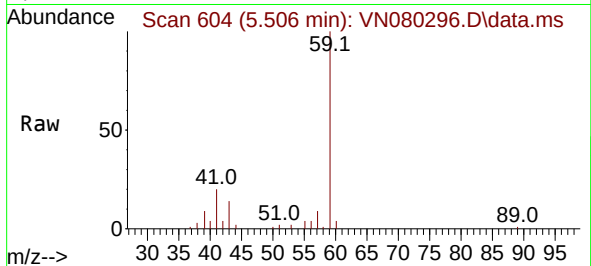
Tgt Ion:142 Resp: 151891
Ion Ratio Lower Upper
142 100
127 58.0 37.6 56.4#
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 206.238 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

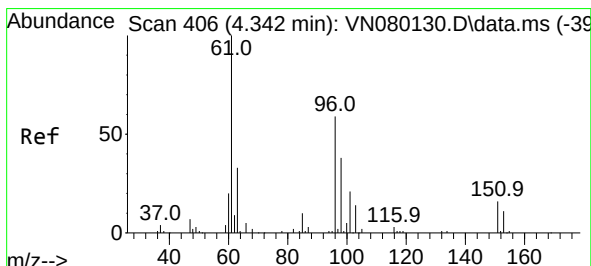
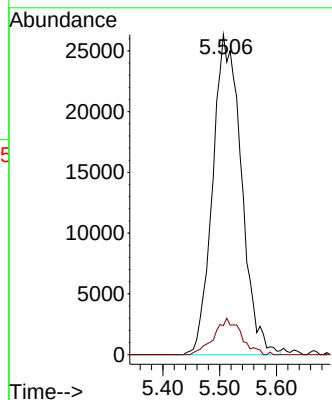
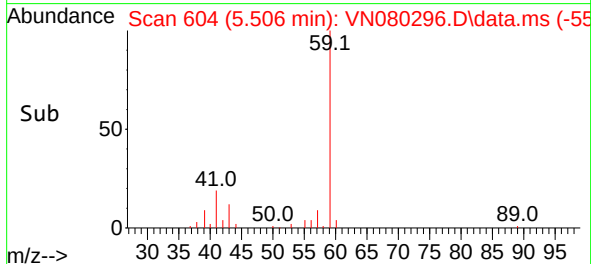
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 59 Resp: 92239
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

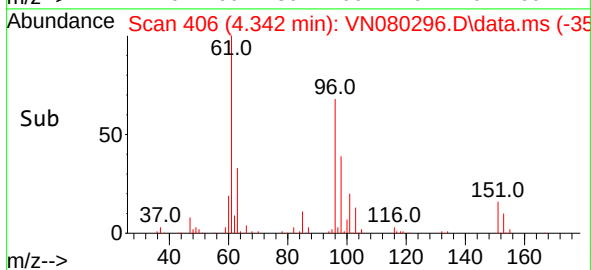
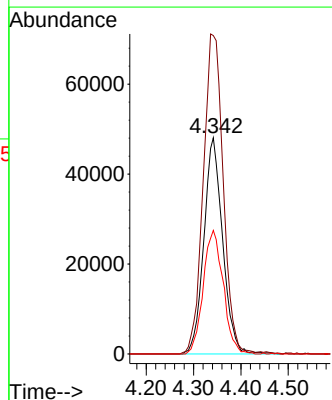
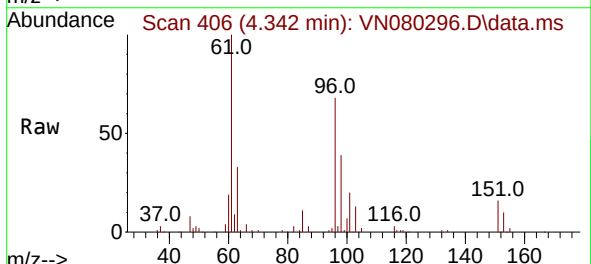
Manual Integrations
APPROVED

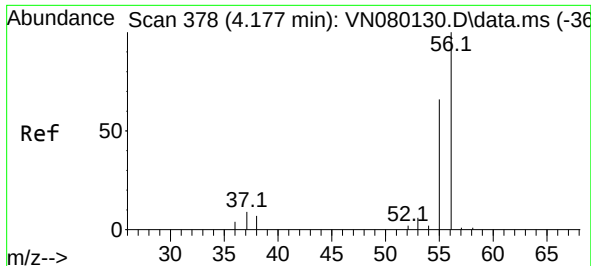
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#12
1,1-Dichloroethene
Concen: 50.855 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

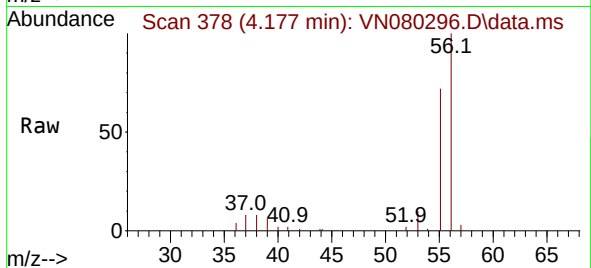
Tgt Ion: 96 Resp: 132393
Ion Ratio Lower Upper
96 100
61 147.3 112.7 169.1
98 57.2 51.2 76.8





#13
Acrolein
Concen: 215.199 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

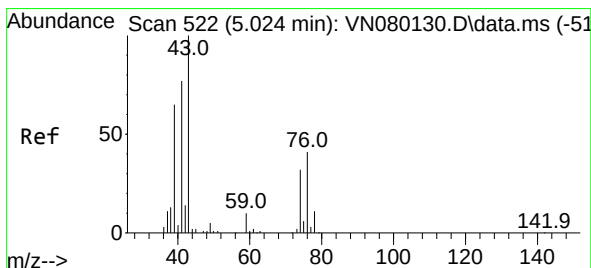
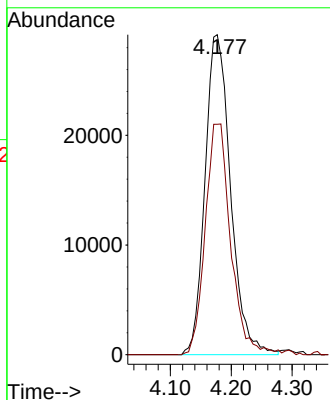
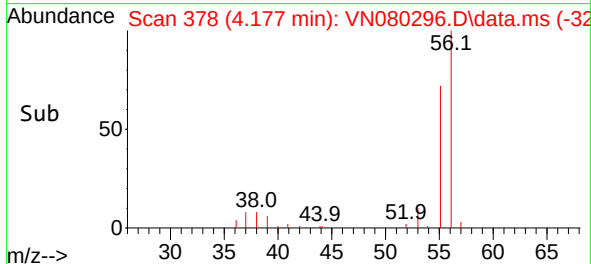
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 56 Resp: 8517
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

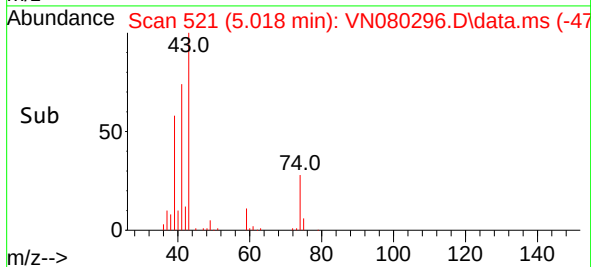
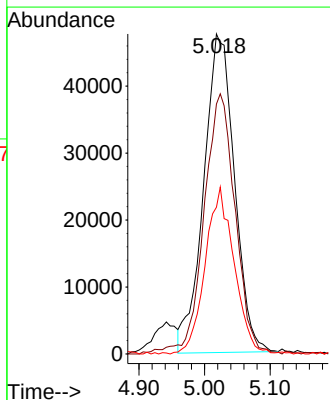
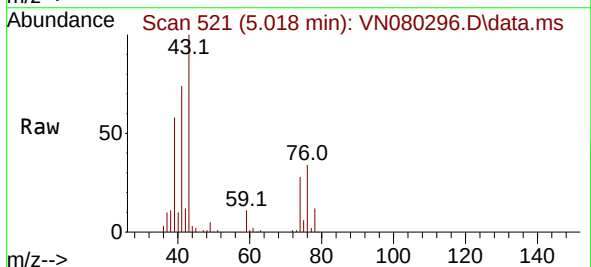
Manual Integrations
APPROVED

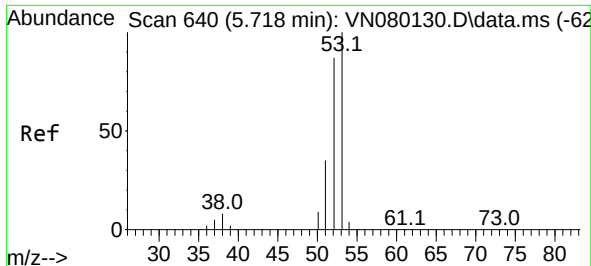
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#14
Allyl chloride
Concen: 47.379 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

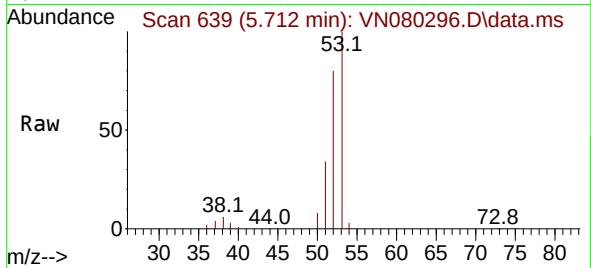
Tgt Ion: 41 Resp: 155184
Ion Ratio Lower Upper
41 100
39 82.9 58.8 88.2
76 49.0 39.1 58.7





#15
Acrylonitrile
Concen: 238.356 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

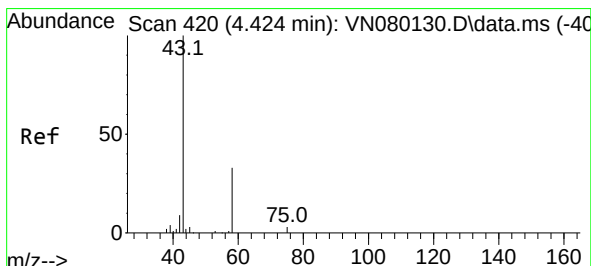
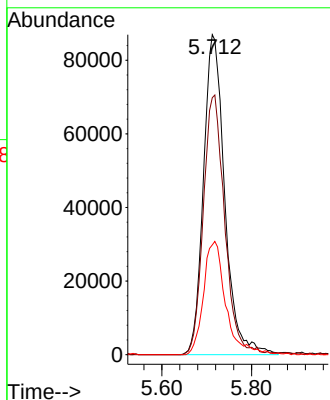
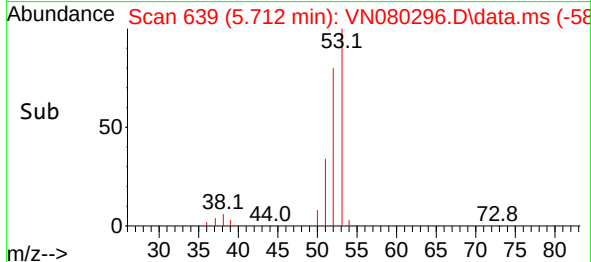
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



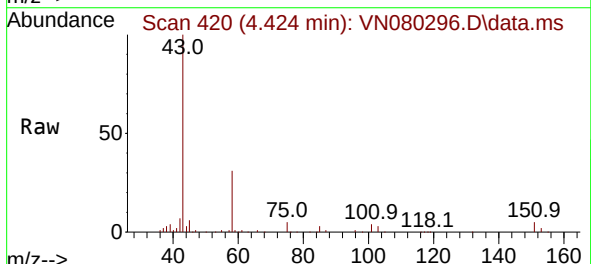
Tgt Ion: 53 Resp: 28618
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

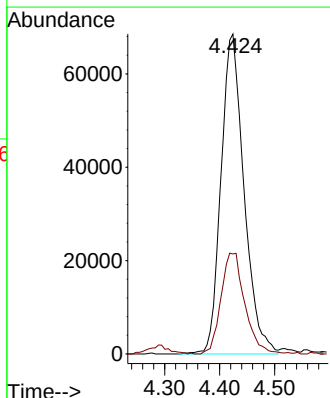
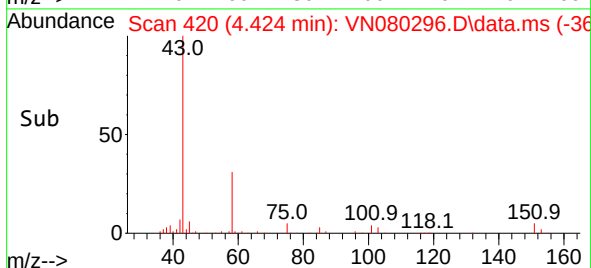
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

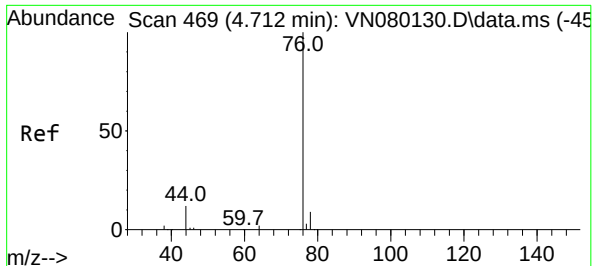


#16
Acetone
Concen: 146.006 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



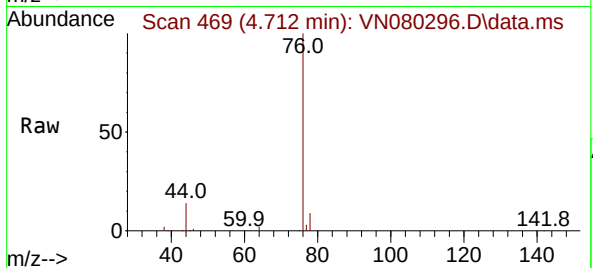
Tgt Ion: 43 Resp: 199446
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#17
Carbon Disulfide
Concen: 43.268 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

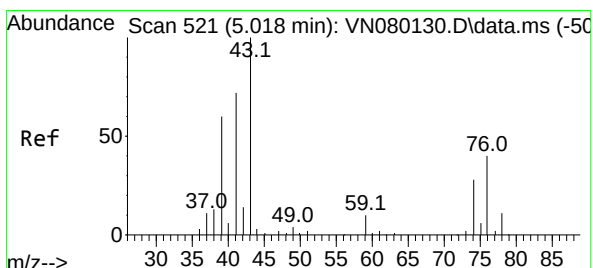
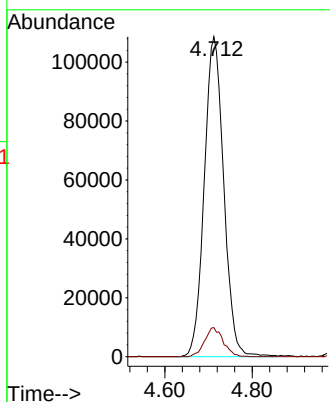
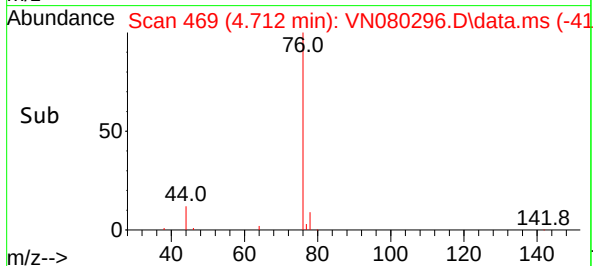
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



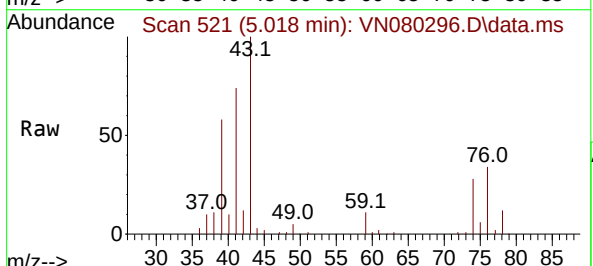
Tgt Ion: 76 Resp: 336334
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

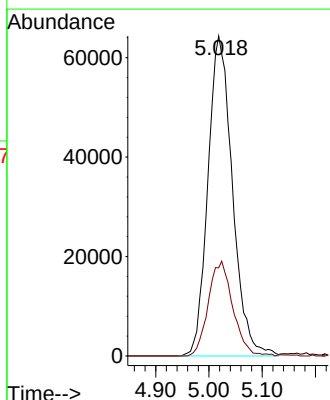
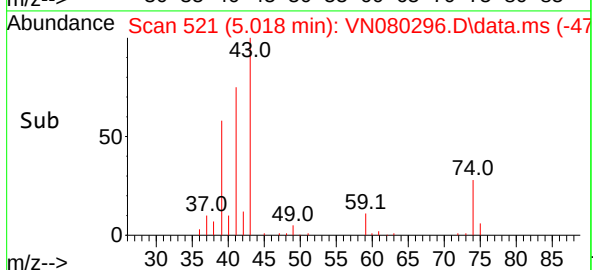
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

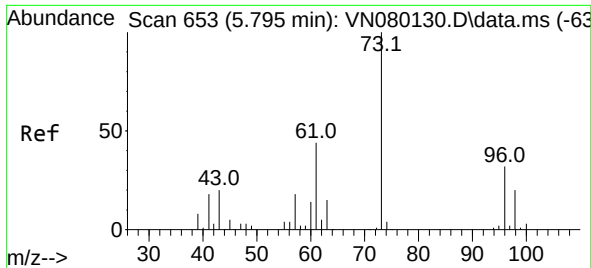


#18
Methyl Acetate
Concen: 46.910 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion: 43 Resp: 205890
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





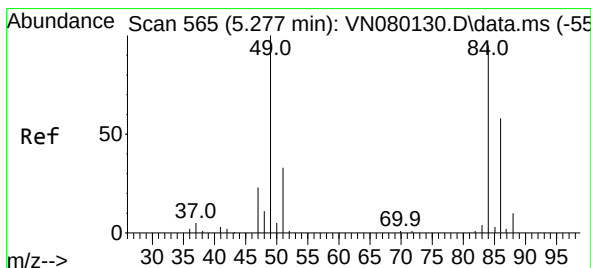
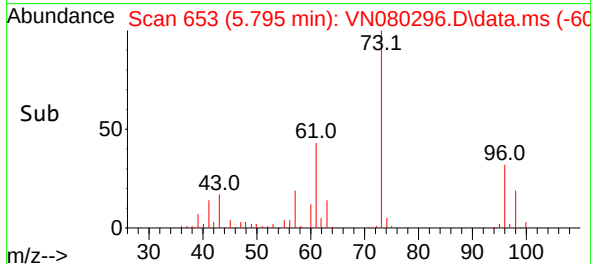
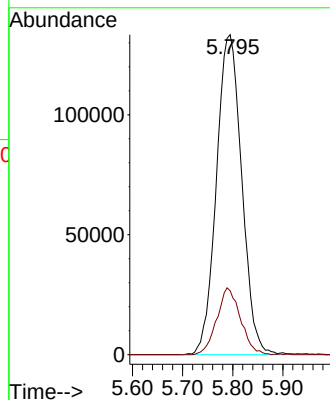
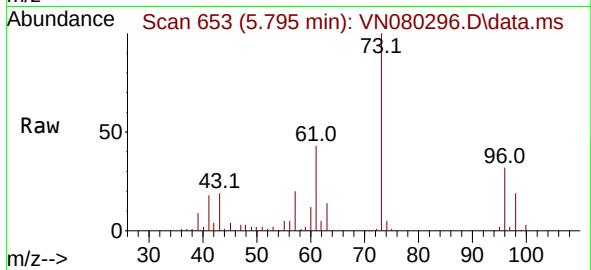
#19
Methyl tert-butyl Ether
Concen: 50.934 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 73 Resp: 468274
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

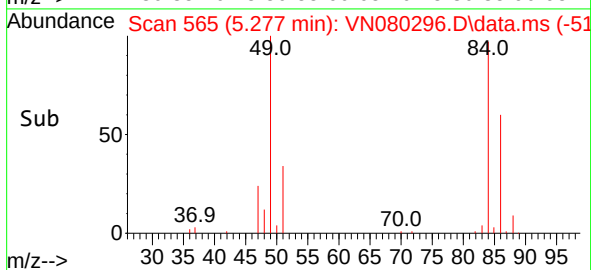
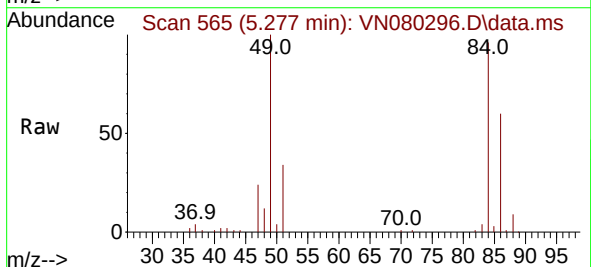
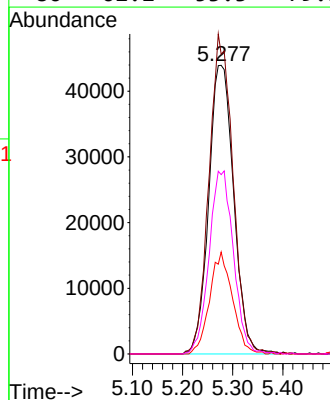
Manual Integrations
APPROVED

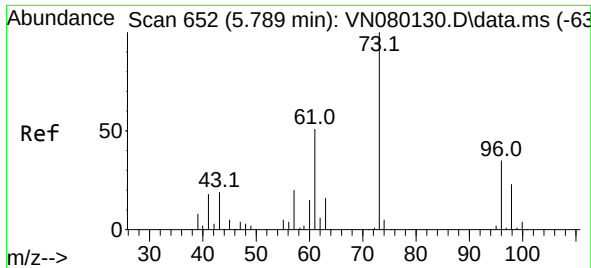
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 53.210 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

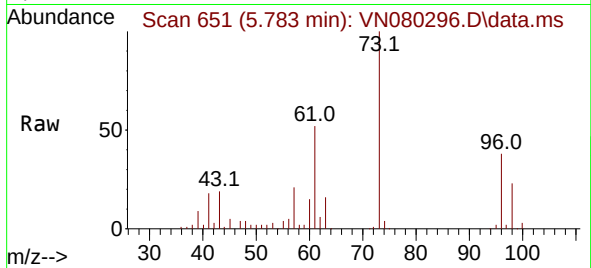
Tgt Ion: 84 Resp: 152215
Ion Ratio Lower Upper
84 100
49 103.9 79.7 119.5
51 35.3 25.2 37.8
86 62.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.796 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

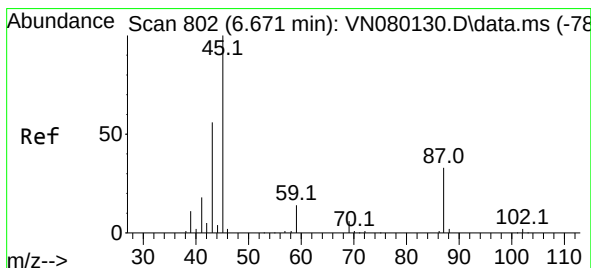
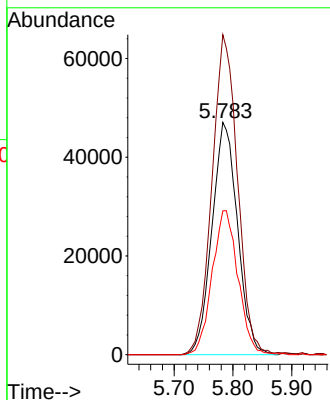
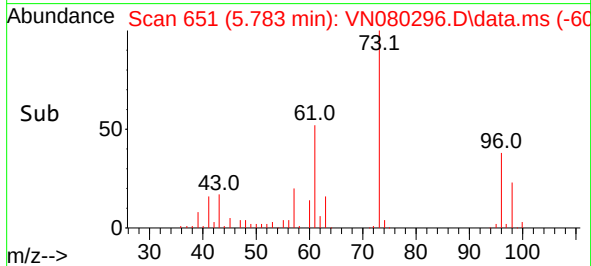
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 96 Resp: 142415
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1
98 61.9 46.4 69.6

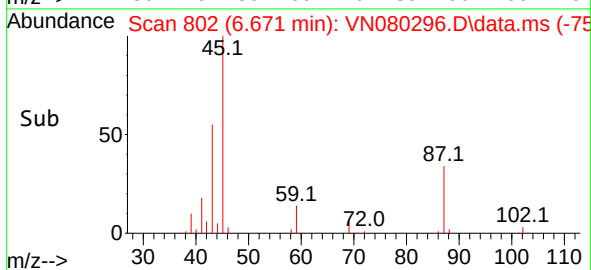
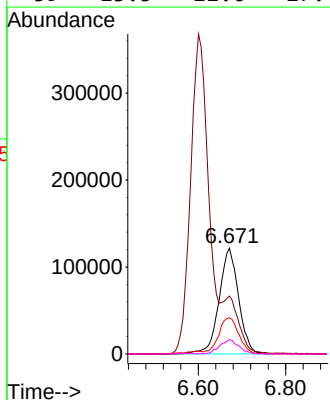
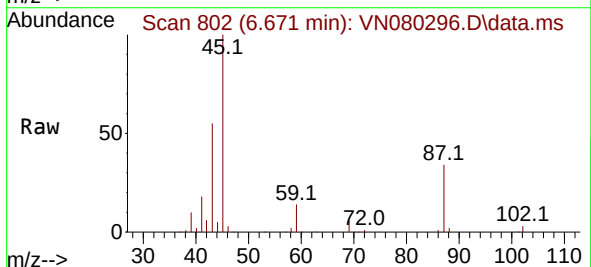
Manual Integrations
APPROVED

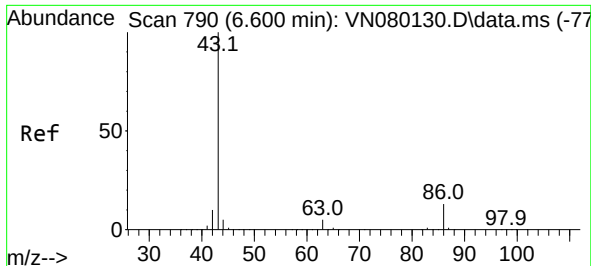
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#22
Diisopropyl ether
Concen: 51.924 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 45 Resp: 376272
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 34.0 31.8 47.8
59 13.5 11.6 17.4





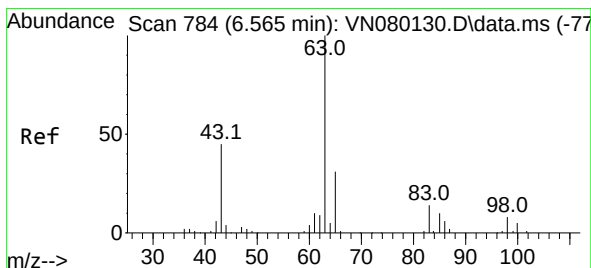
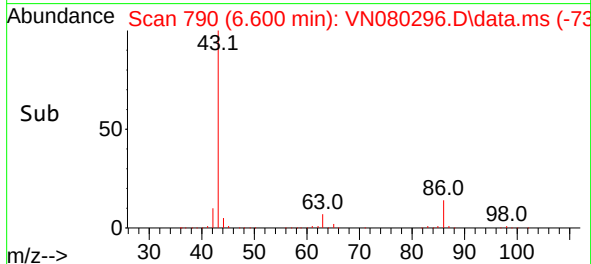
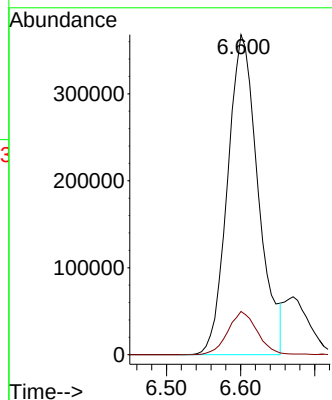
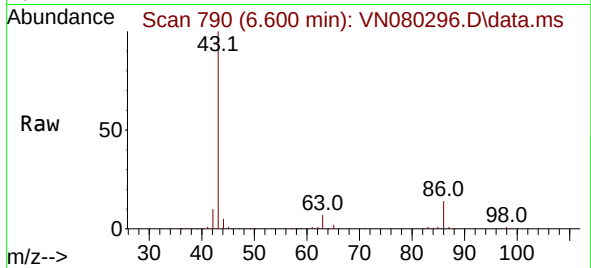
#23
 Vinyl Acetate
 Concen: 242.384 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080296.D
 Acq: 28 Nov 2023 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110MS

Tgt Ion: 43 Resp: 105596
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

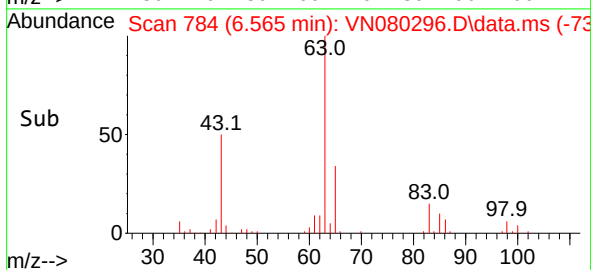
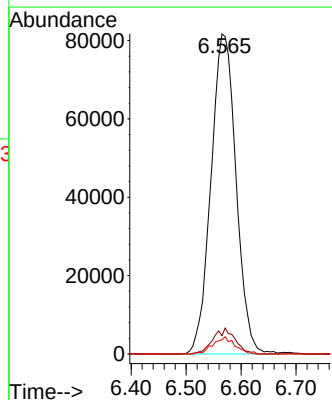
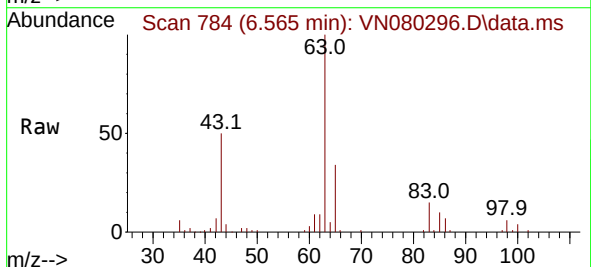
Manual Integrations
 APPROVED

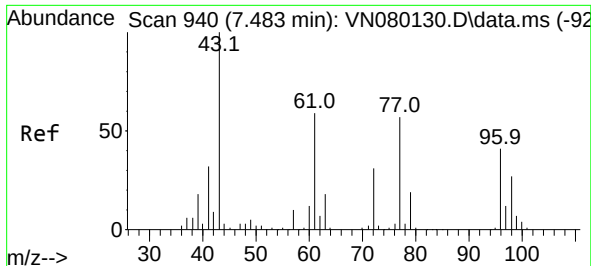
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 49.095 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080296.D
 Acq: 28 Nov 2023 15:04

Tgt Ion: 63 Resp: 259122
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.5 2.5 7.4





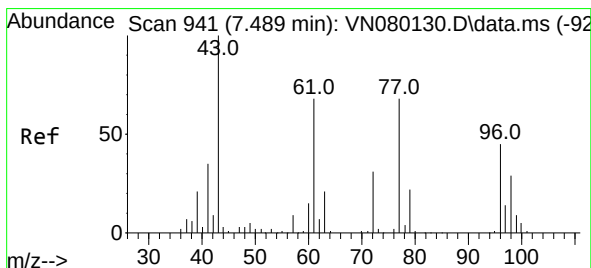
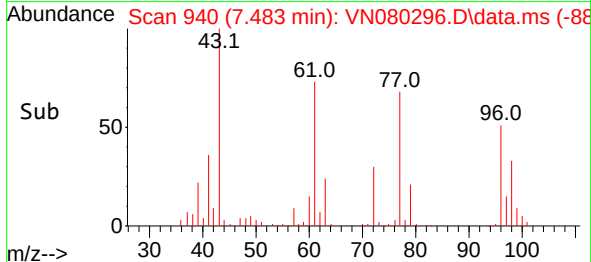
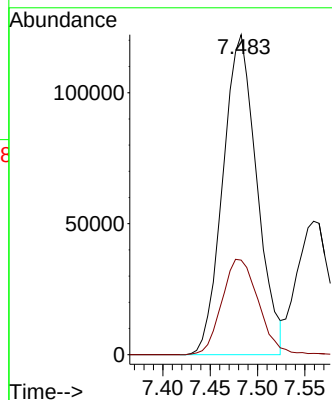
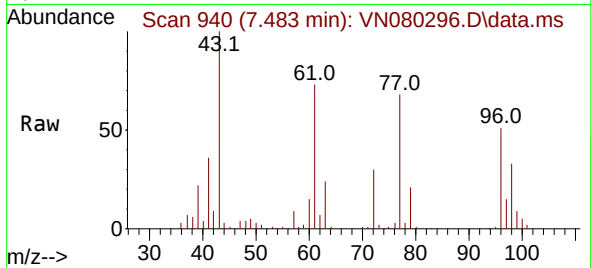
#25
2-Butanone
Concen: 187.998 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 43 Resp: 305118
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

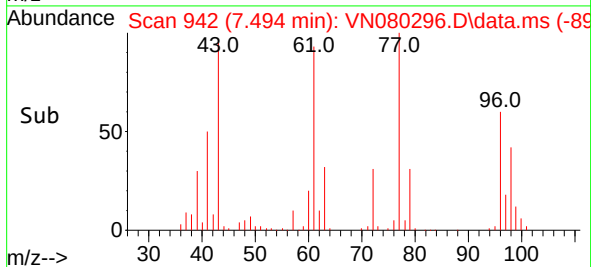
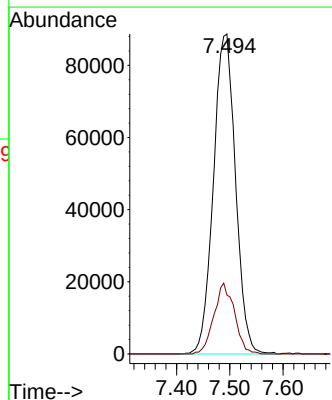
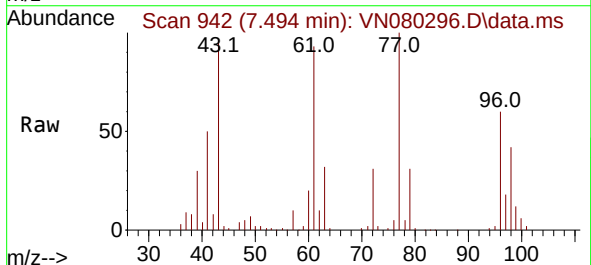
Manual Integrations
APPROVED

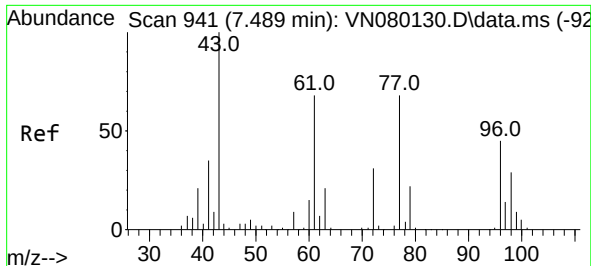
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 48.760 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

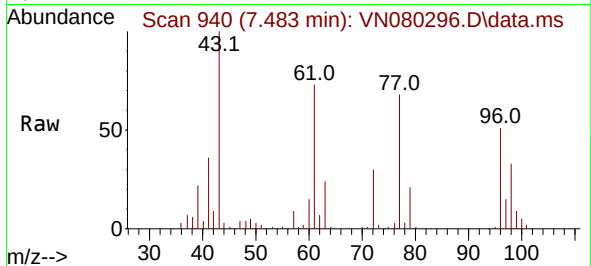
Tgt Ion: 77 Resp: 255328
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.893 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080296.D
 Acq: 28 Nov 2023 15:04

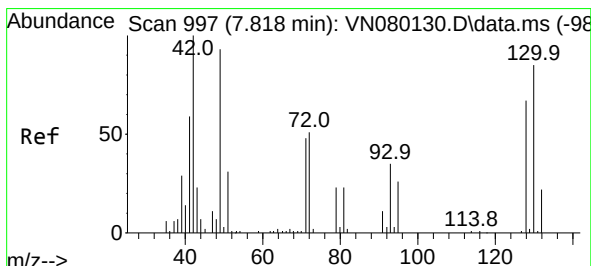
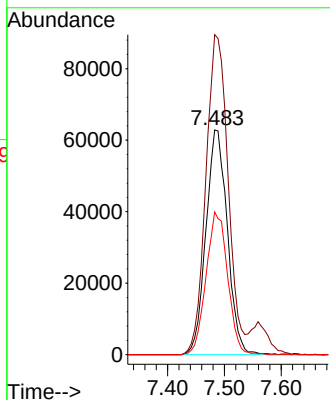
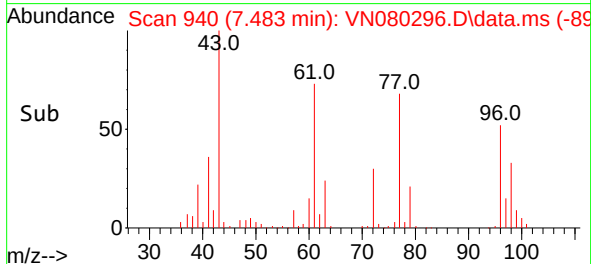
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110MS



Tgt Ion: 96 Resp: 16502
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 255.2
 98 63.7 0.0 128.8

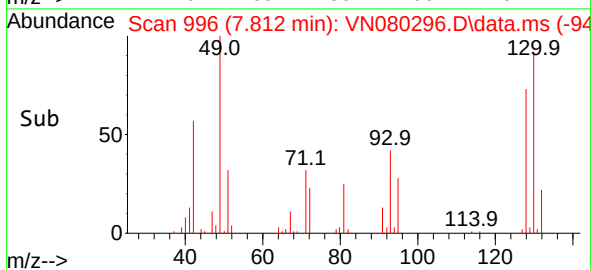
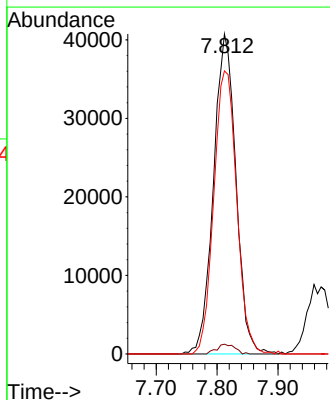
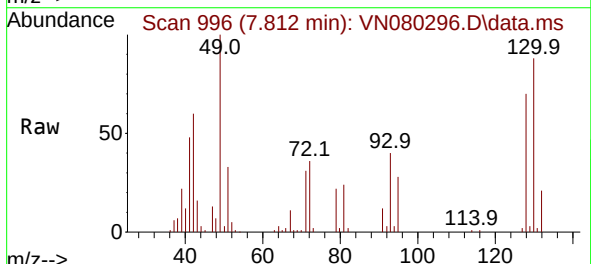
Manual Integrations
 APPROVED

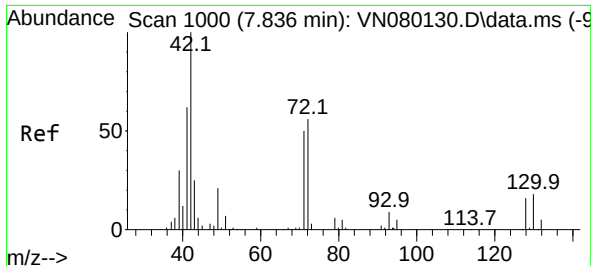
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#28
 Bromochloromethane
 Concen: 50.238 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080296.D
 Acq: 28 Nov 2023 15:04

Tgt Ion: 49 Resp: 104242
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 90.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 228.865 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion: 42 Resp: 199419

Ion Ratio Lower Upper

42 100

72 57.5 49.8 74.6

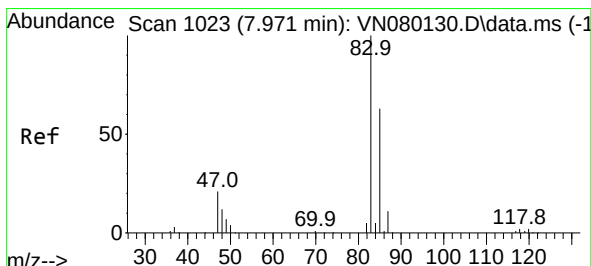
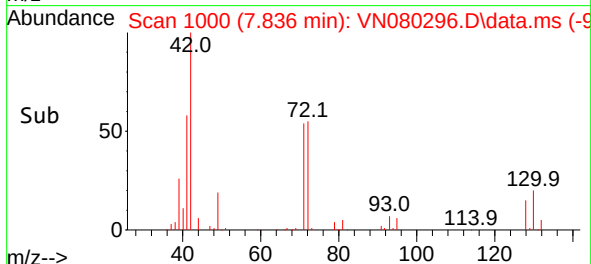
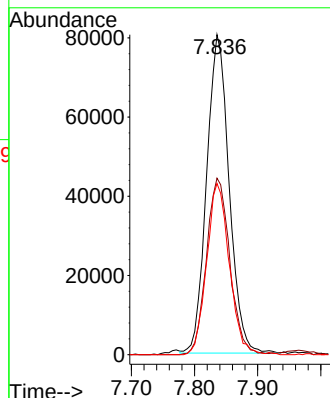
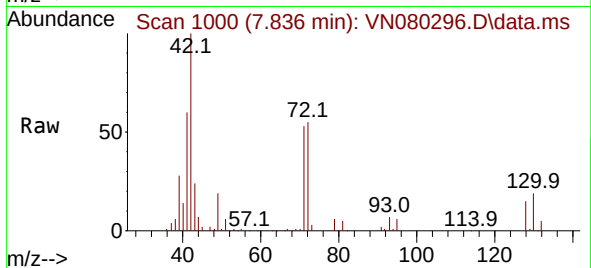
71 54.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 51.062 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080296.D

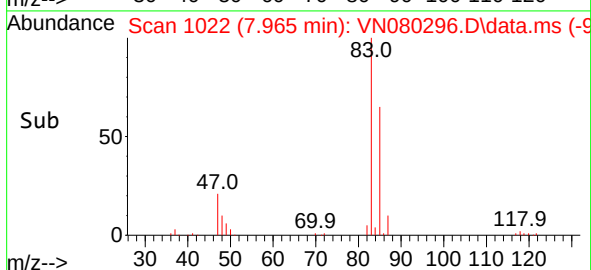
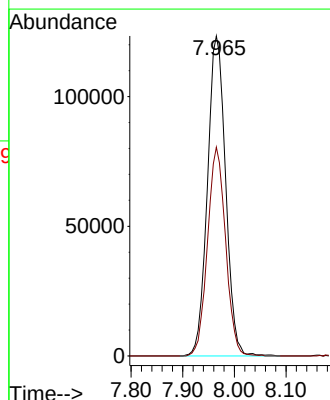
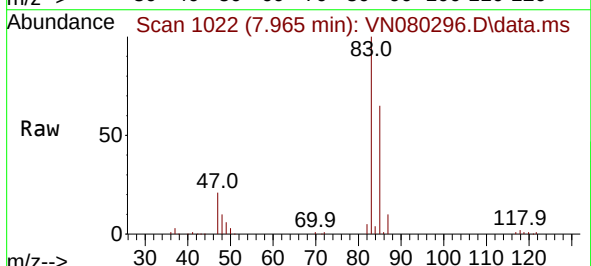
Acq: 28 Nov 2023 15:04

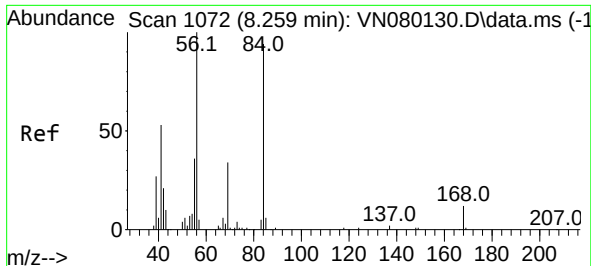
Tgt Ion: 83 Resp: 301229

Ion Ratio Lower Upper

83 100

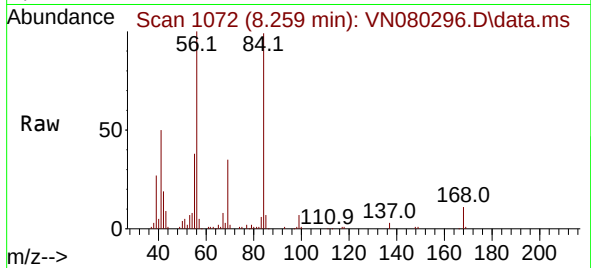
85 65.3 55.4 83.0





#31
Cyclohexane
Concen: 42.879 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

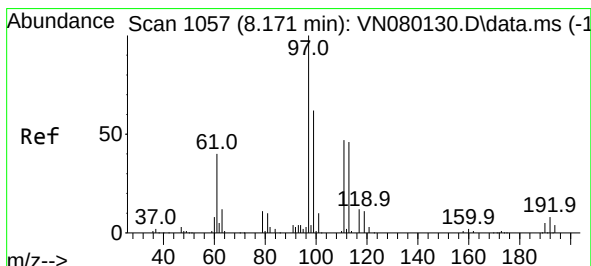
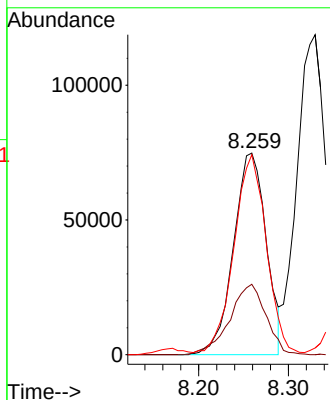
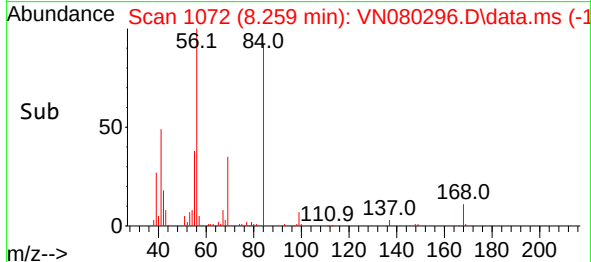
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 56 Resp: 18965
Ion Ratio Lower Upper
56 100
69 34.9 26.8 40.2
84 97.3 81.8 122.6

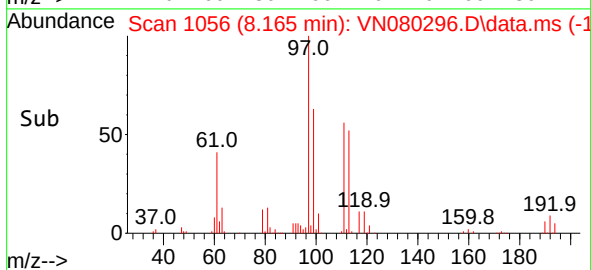
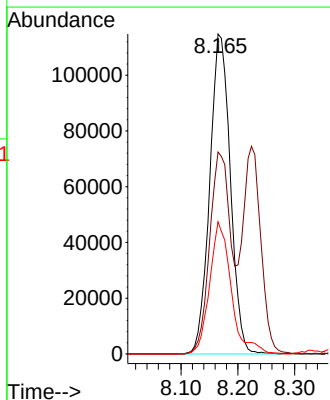
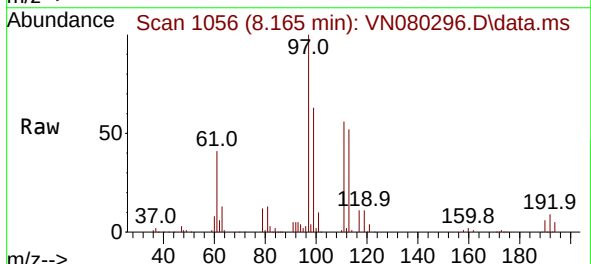
Manual Integrations
APPROVED

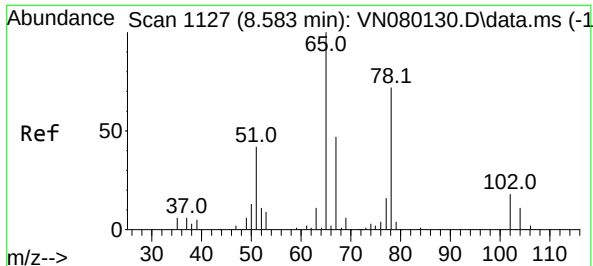
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#32
1,1,1-Trichloroethane
Concen: 50.155 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 97 Resp: 288545
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.128 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion: 65 Resp: 19573

Ion Ratio Lower Upper

65 100

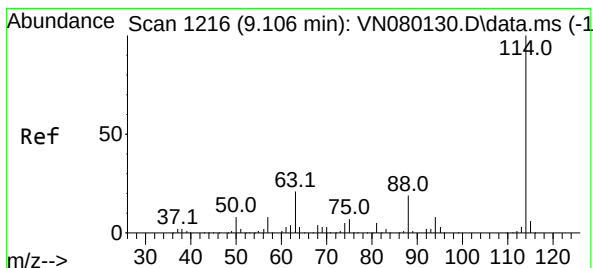
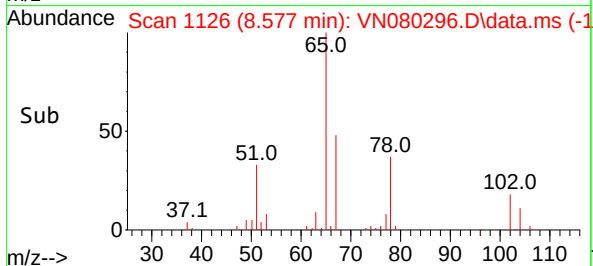
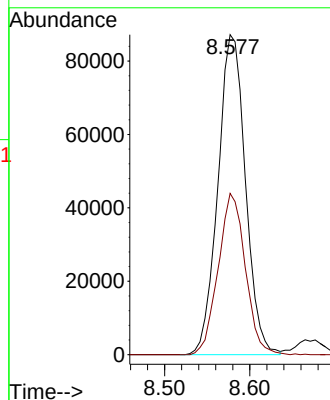
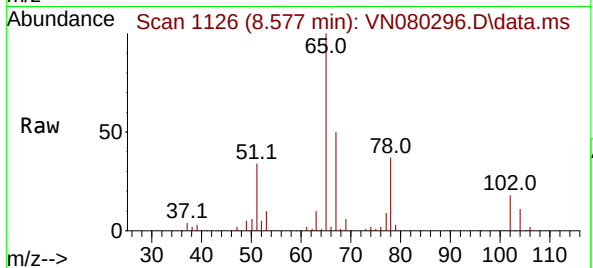
67 49.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

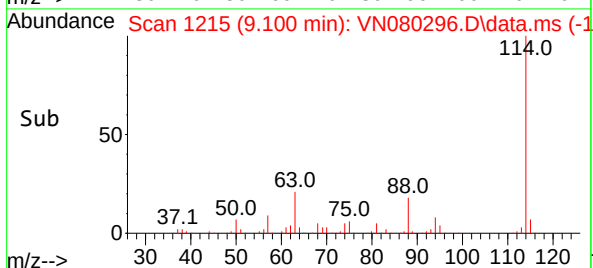
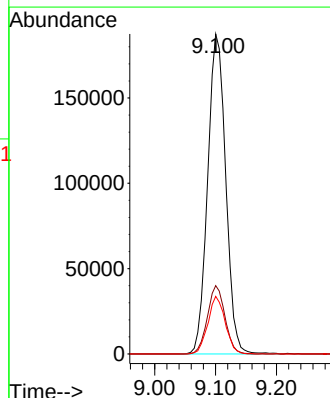
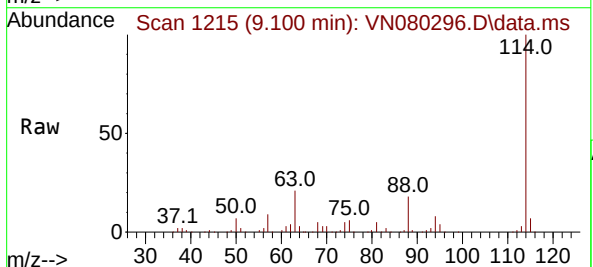
Tgt Ion:114 Resp: 386246

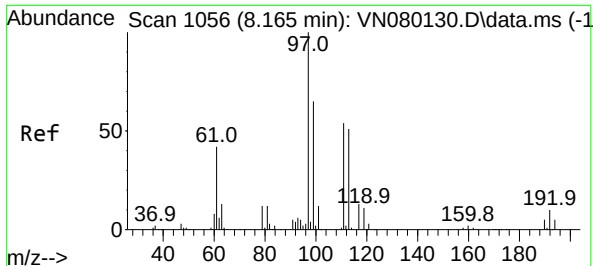
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

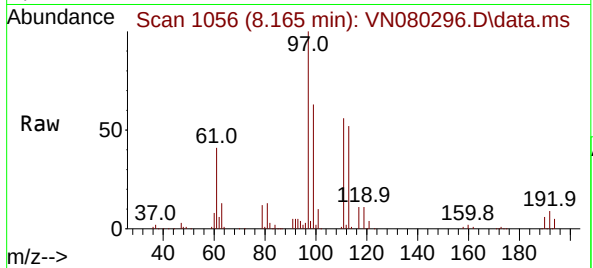
88 18.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.386 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

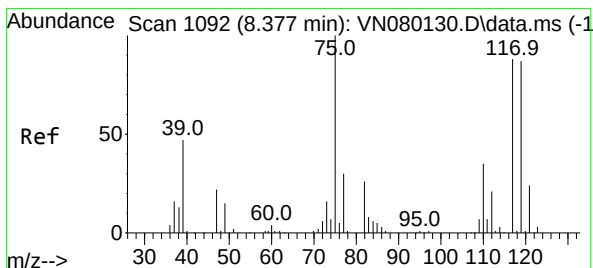
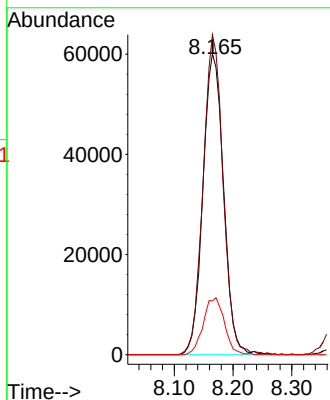
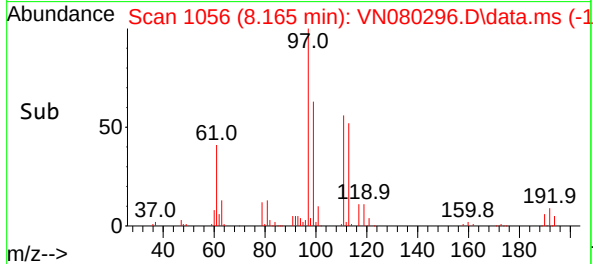
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



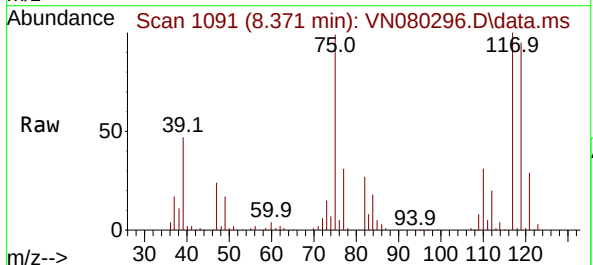
Tgt Ion: 113 Resp: 146449
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.3 12.7 19.1

Manual Integrations
APPROVED

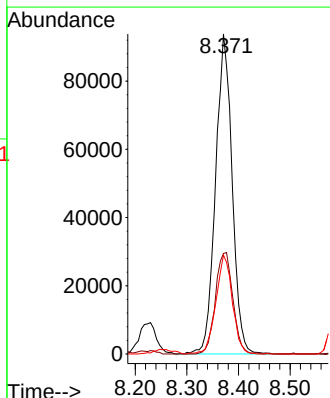
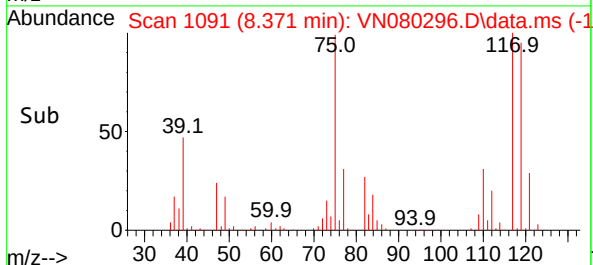
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

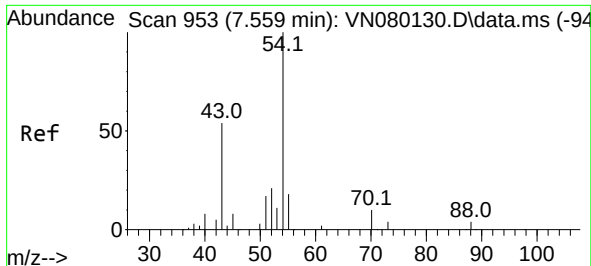


#36
1,1-Dichloropropene
Concen: 50.674 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion: 75 Resp: 209093
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 46.025 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

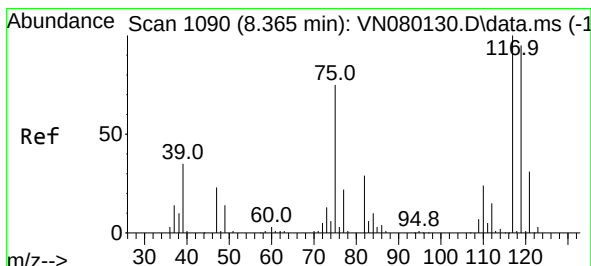
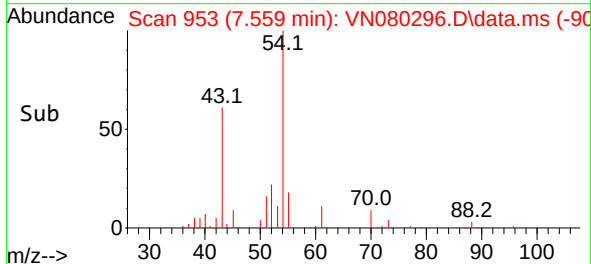
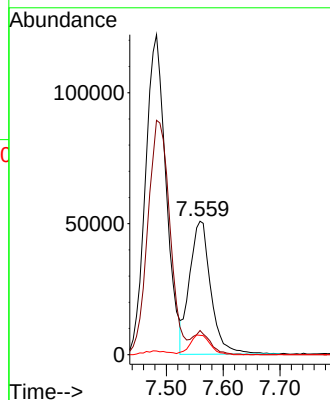
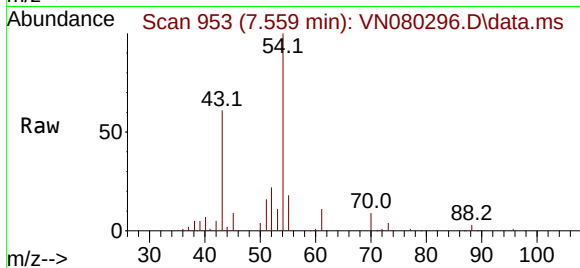
MW-110MS

Tgt Ion: 43	Resp: 13172
Ion Ratio	Lower Upper
43	100
61	14.2 13.2 19.8
70	14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#38

Carbon Tetrachloride

Concen: 50.448 ug/l

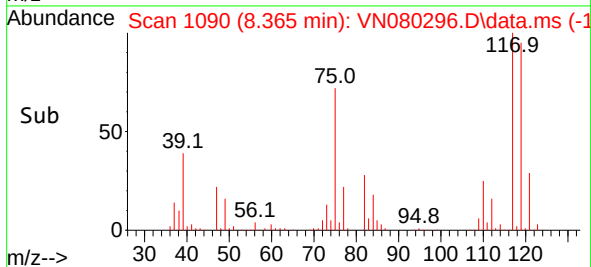
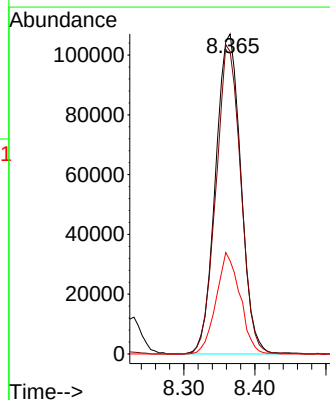
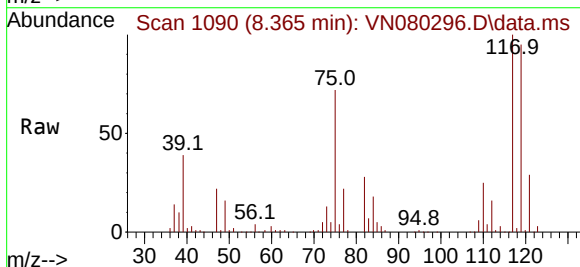
RT: 8.365 min Scan# 1090

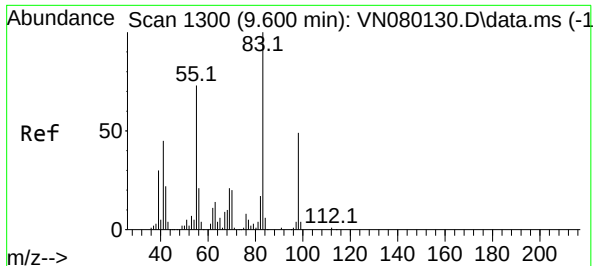
Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

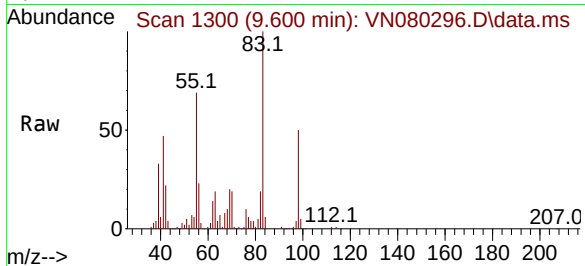
Tgt Ion: 117	Resp: 264157
Ion Ratio	Lower Upper
117	100
119	94.5 77.3 115.9
121	29.1 23.3 34.9





#39
Methylcyclohexane
Concen: 49.943 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

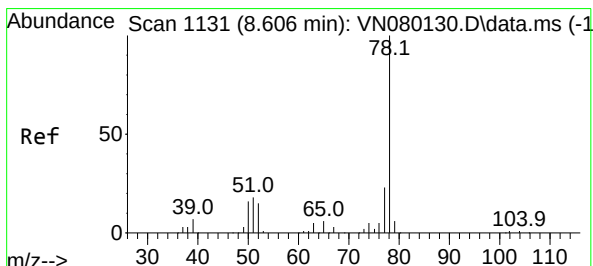
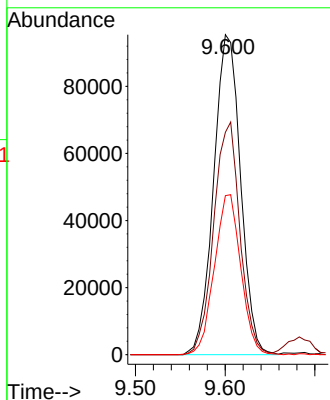
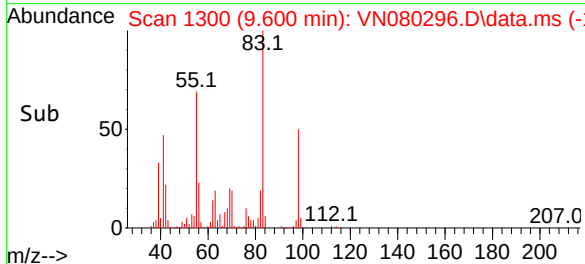
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 83 Resp: 198699
Ion Ratio Lower Upper
83 100
55 69.5 49.1 73.7
98 49.7 40.6 61.0

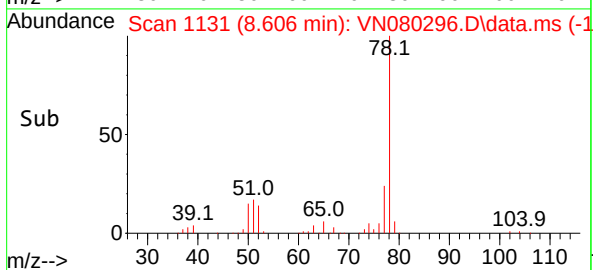
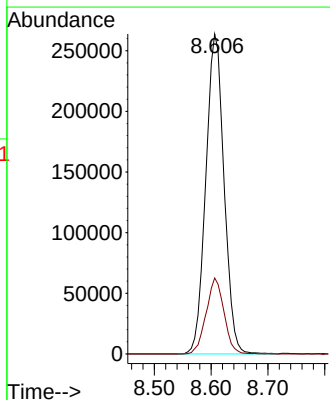
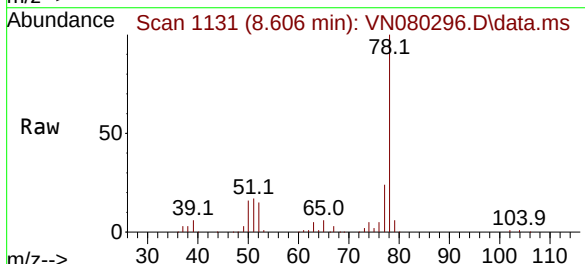
Manual Integrations
APPROVED

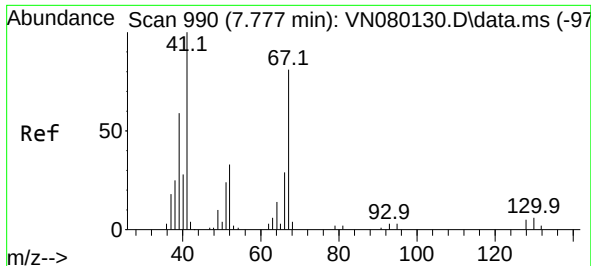
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#40
Benzene
Concen: 50.074 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

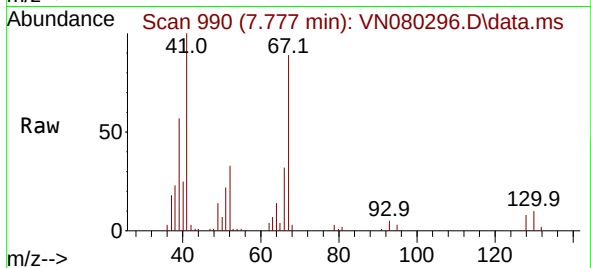
Tgt Ion: 78 Resp: 587223
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 49.594 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

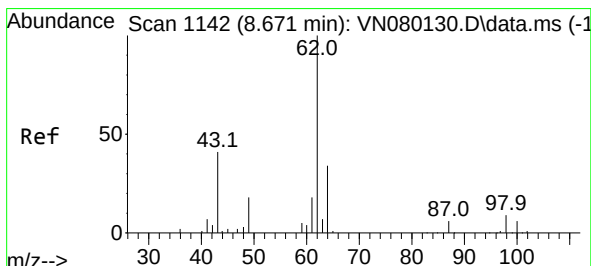
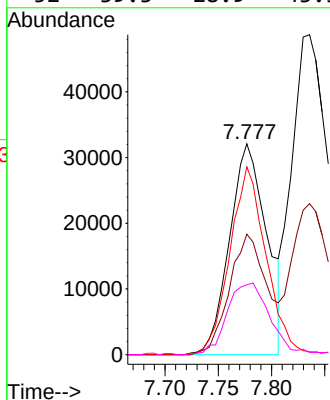
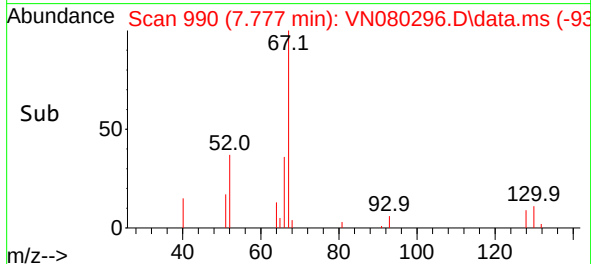
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 41 Resp: 7795
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 87.3 77.5 116.3
52 39.3 28.9 43.3

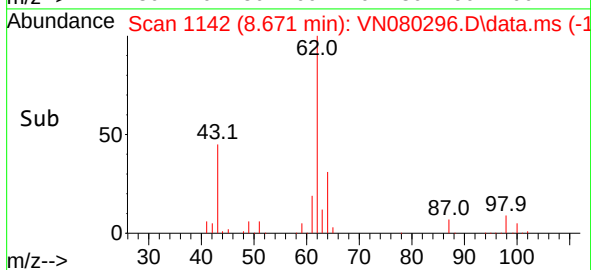
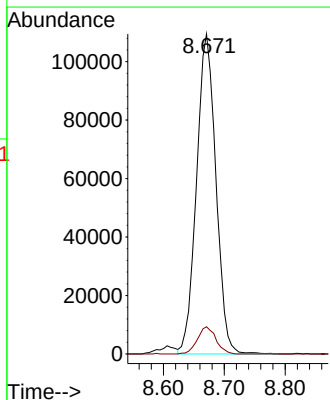
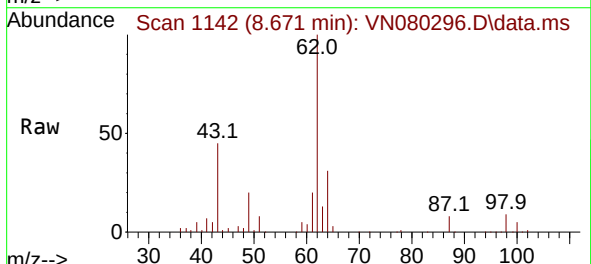
Manual Integrations
APPROVED

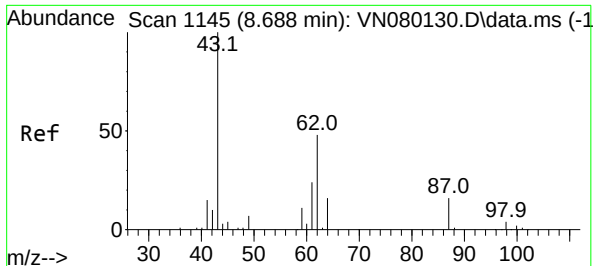
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 50.514 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

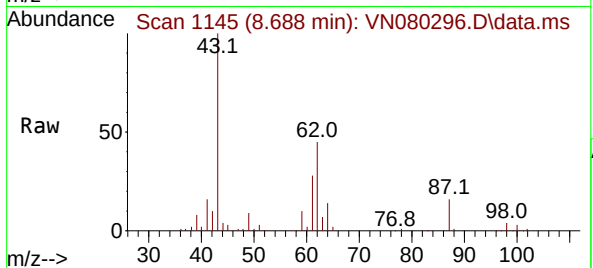
Tgt Ion: 62 Resp: 242360
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 42.155 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

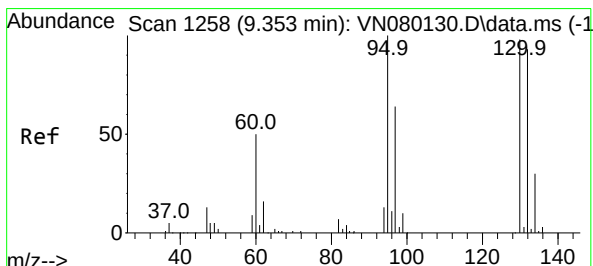
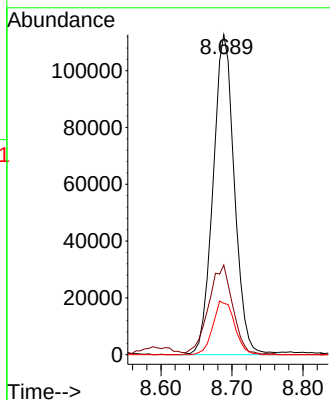
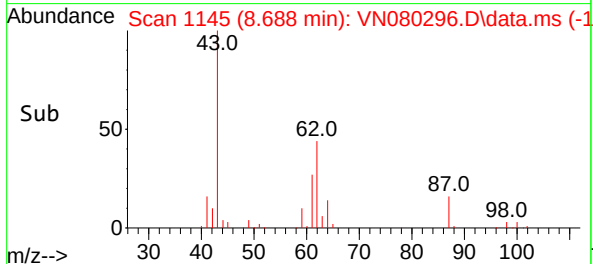
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



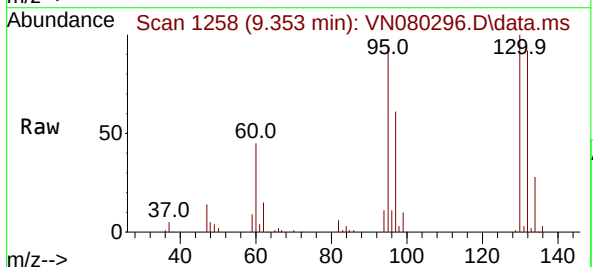
Tgt Ion: 43 Resp: 23478
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 17.0 14.6 21.8

Manual Integrations
APPROVED

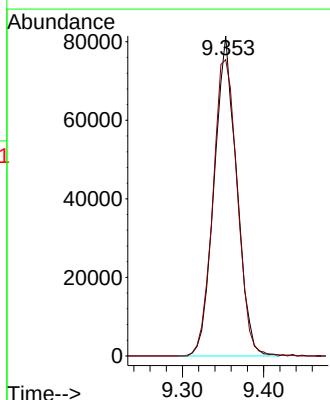
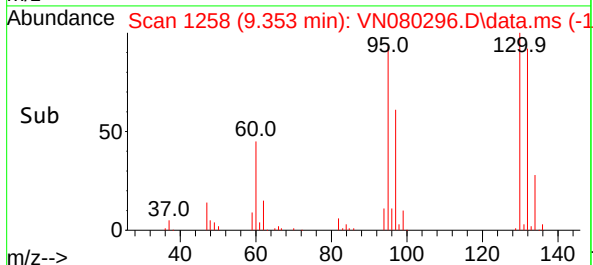
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

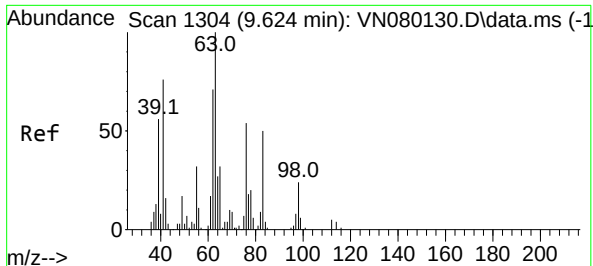


#44
Trichloroethene
Concen: 50.993 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion:130 Resp: 156865
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.763 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion: 63 Resp: 14107

Ion Ratio Lower Upper

63 100

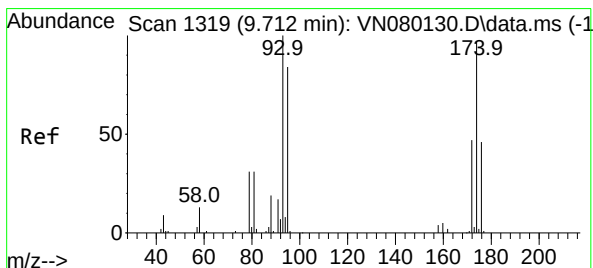
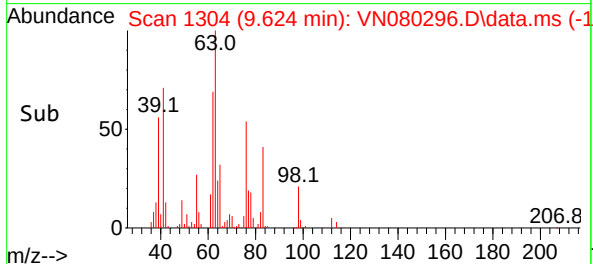
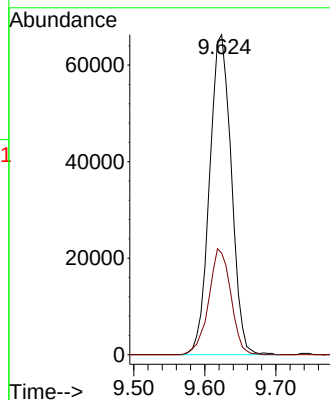
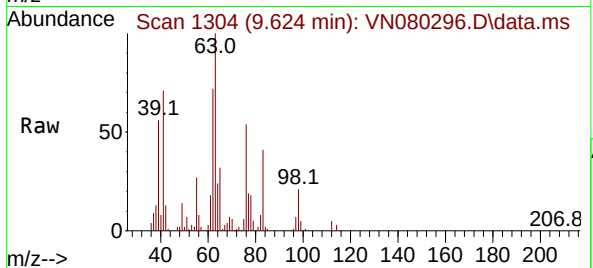
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#46

Dibromomethane

Concen: 51.703 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

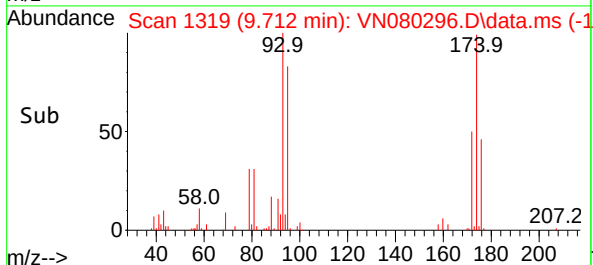
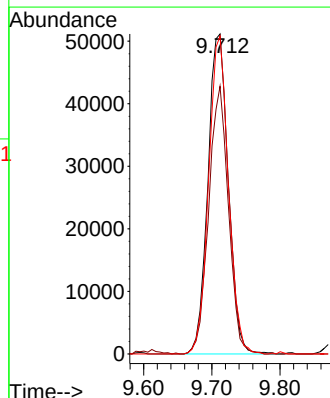
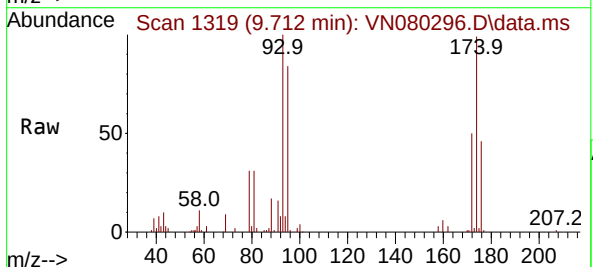
Tgt Ion: 93 Resp: 106661

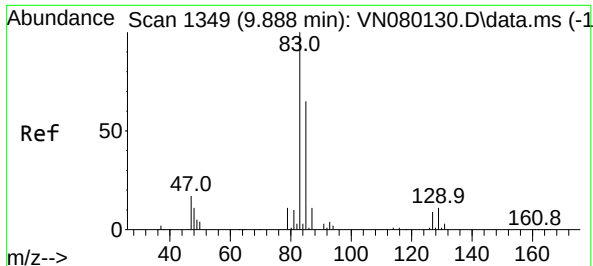
Ion Ratio Lower Upper

93 100

95 81.0 63.8 95.8

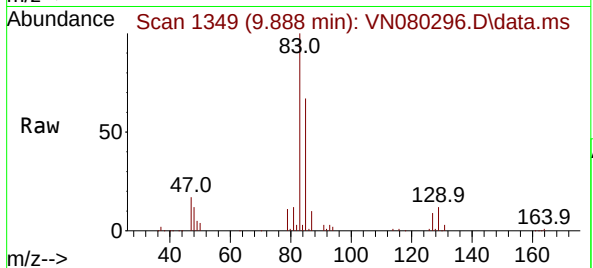
174 96.3 65.6 98.4





#47
Bromodichloromethane
Concen: 52.437 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

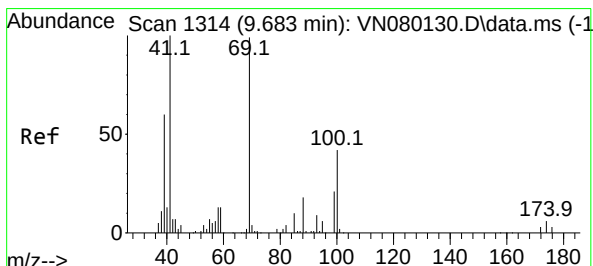
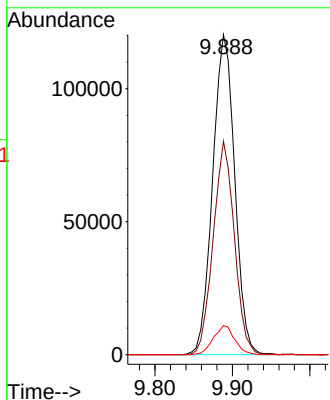
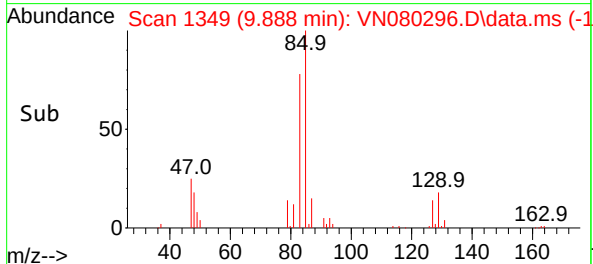
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion: 83 Resp: 237958
Ion Ratio Lower Upper
83 100
85 66.7 49.6 74.4
127 9.1 7.0 10.6

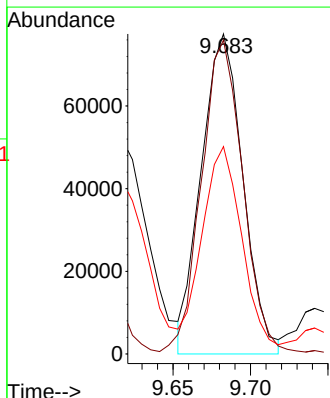
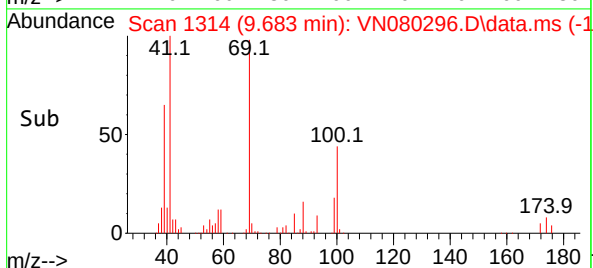
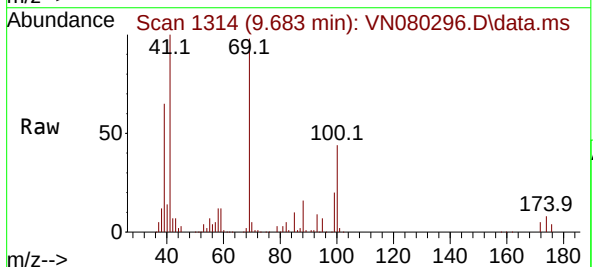
Manual Integrations
APPROVED

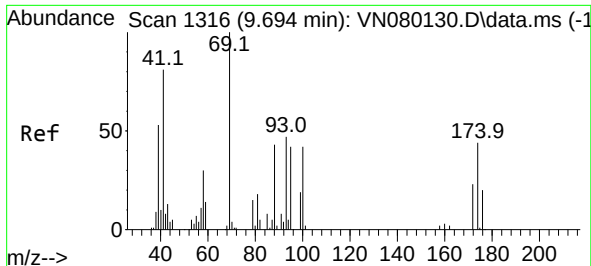
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#48
Methyl methacrylate
Concen: 50.380 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 41 Resp: 144603
Ion Ratio Lower Upper
41 100
69 97.5 90.4 135.6
39 63.1 54.6 81.8





#49

1,4-Dioxane

Concen: 825.896 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion: 88 Resp: 39430

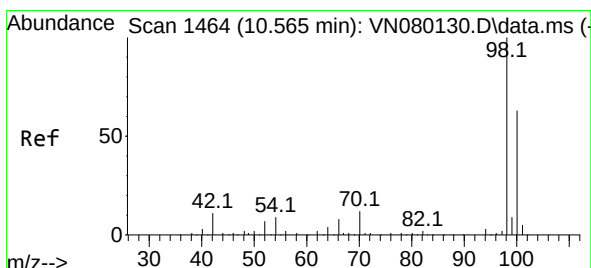
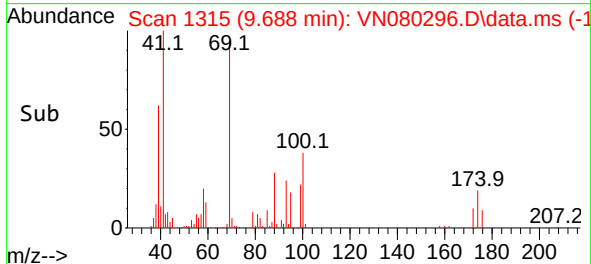
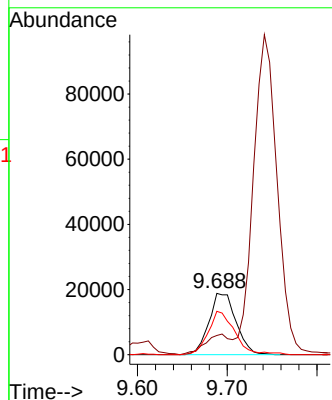
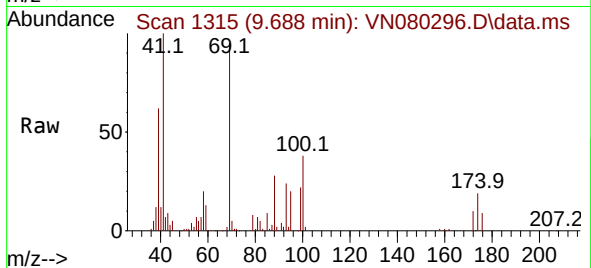
Ion	Ratio	Lower	Upper
88	100		
43	31.9	17.0	25.6
58	69.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 51.104 ug/l

RT: 10.571 min Scan# 1465

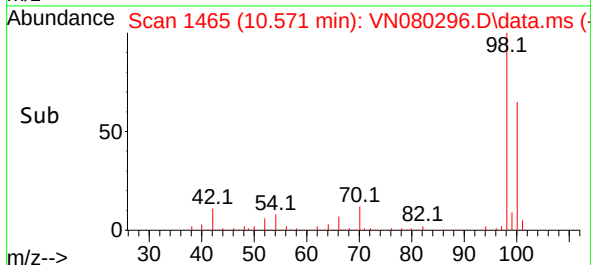
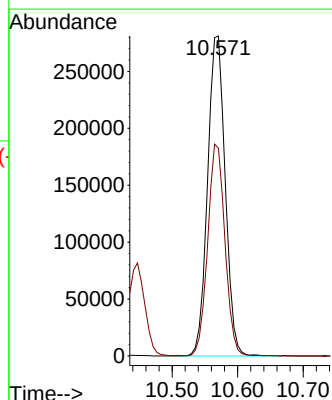
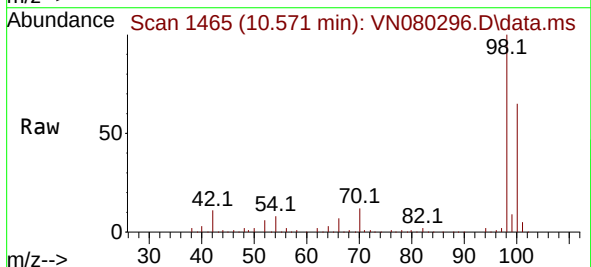
Delta R.T. 0.006 min

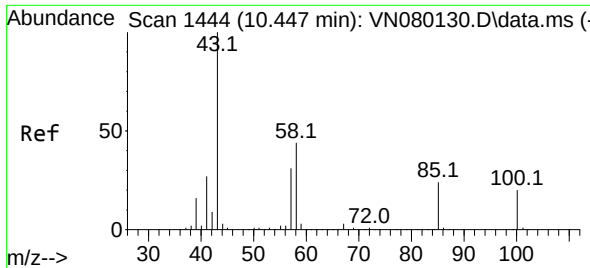
Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Tgt Ion: 98 Resp: 525025

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





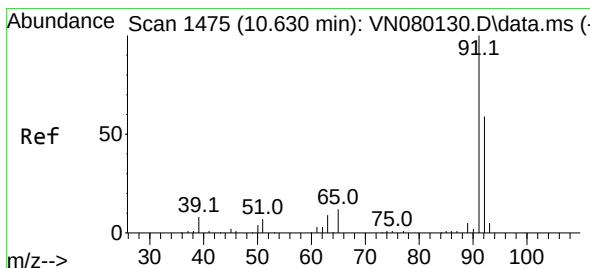
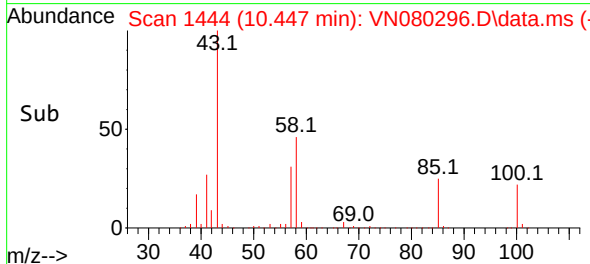
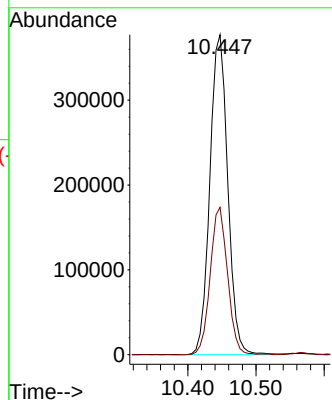
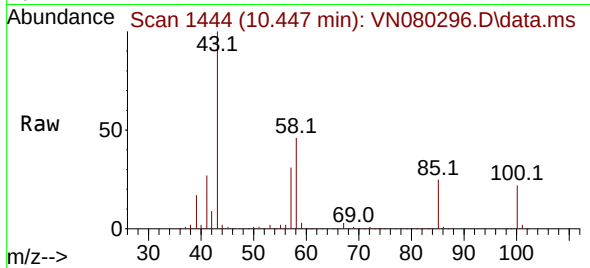
#51
4-Methyl-2-Pentanone
Concen: 239.061 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 43 Resp: 689333
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

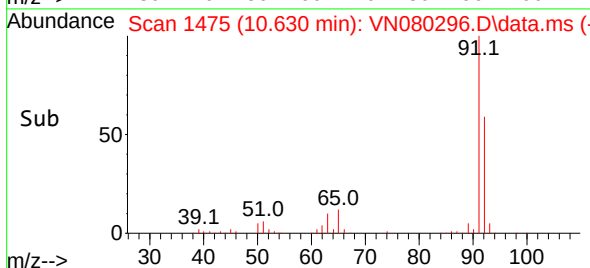
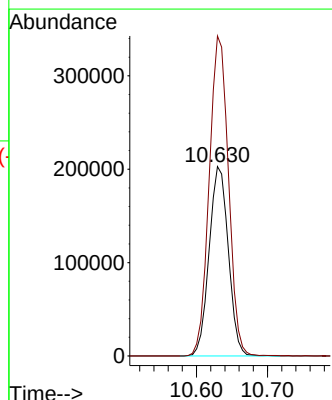
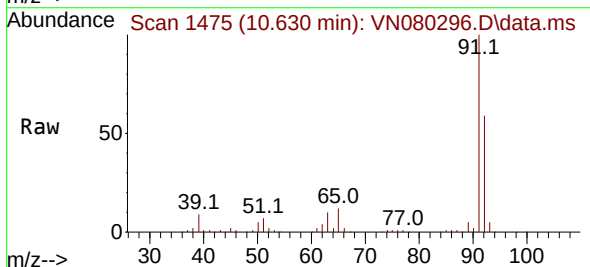
Manual Integrations
APPROVED

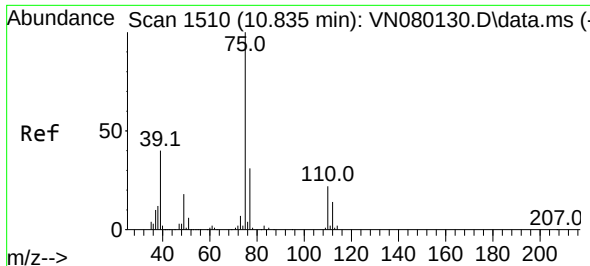
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#52
Toluene
Concen: 51.853 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 92 Resp: 380557
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0





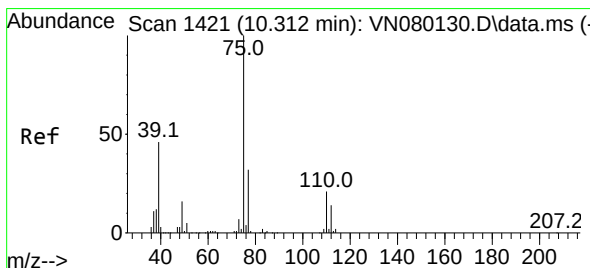
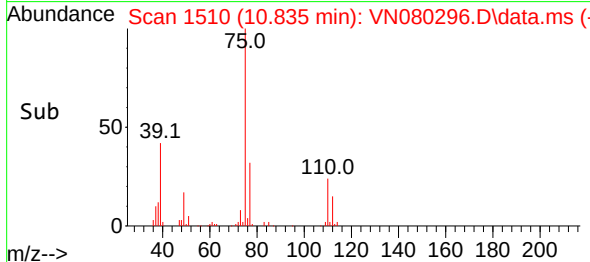
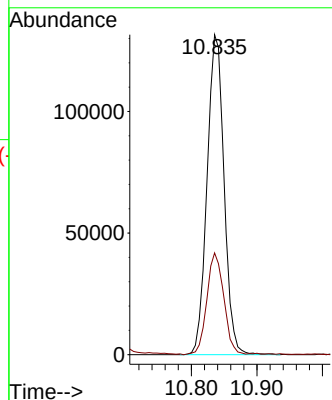
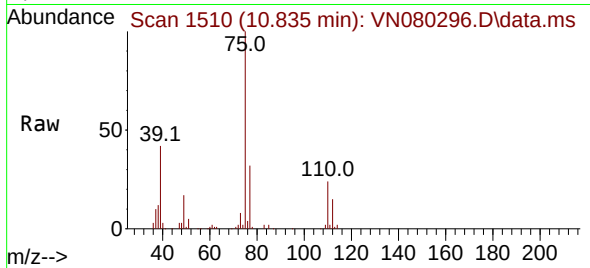
#53
t-1,3-Dichloropropene
Concen: 50.875 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 75 Resp: 23720
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

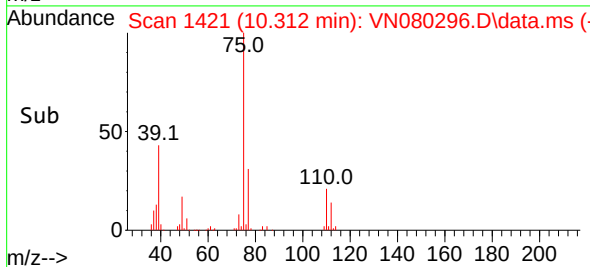
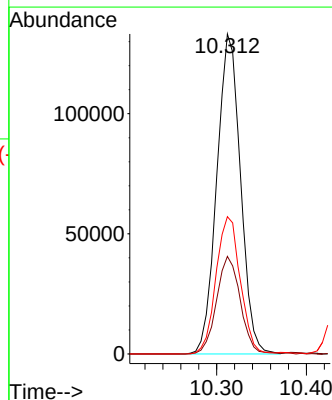
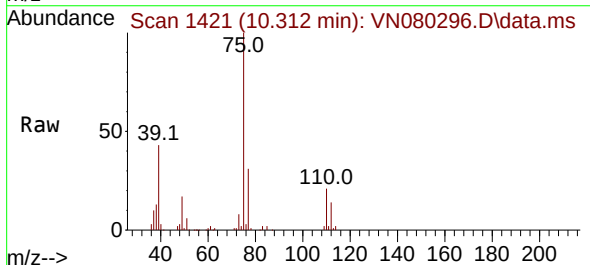
Manual Integrations
APPROVED

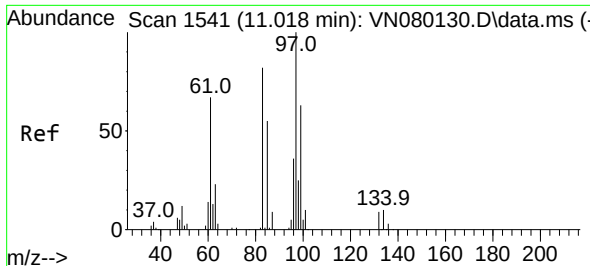
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
cis-1,3-Dichloropropene
Concen: 51.270 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

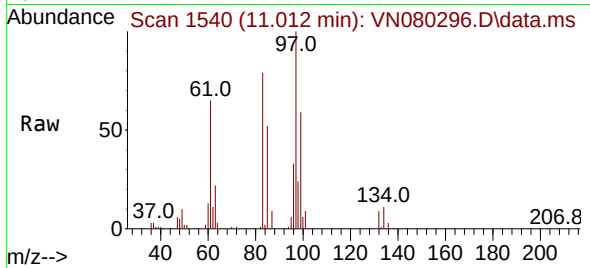
Tgt Ion: 75 Resp: 244215
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 42.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.566 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

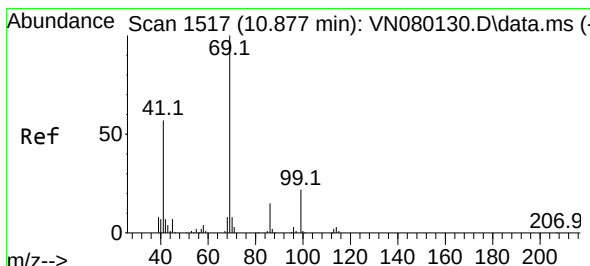
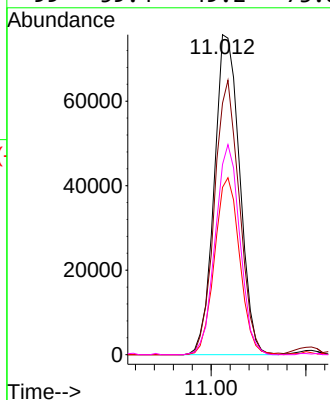
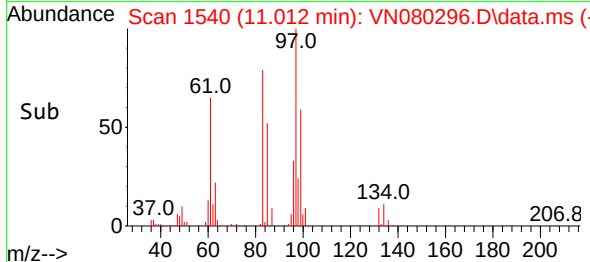
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



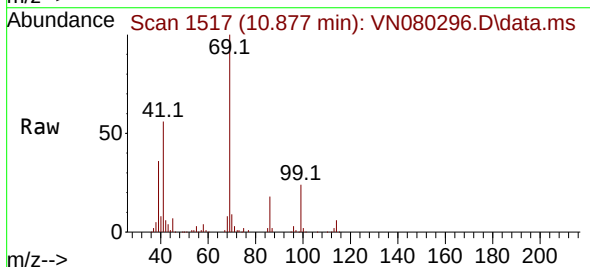
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.6	65.1	97.7
85	52.3	43.4	65.2
99	59.4	49.2	73.8

Manual Integrations
APPROVED

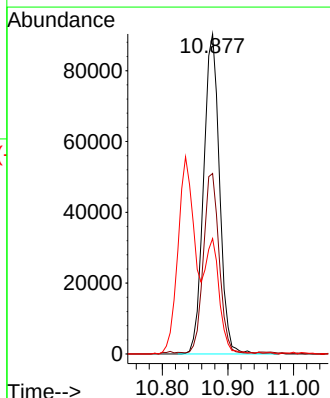
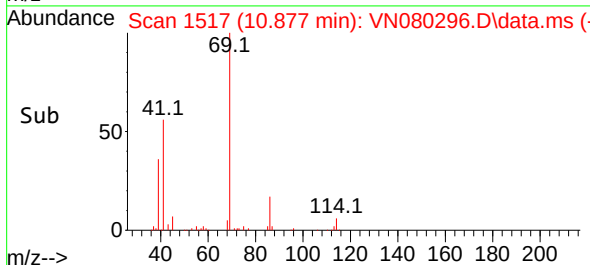
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

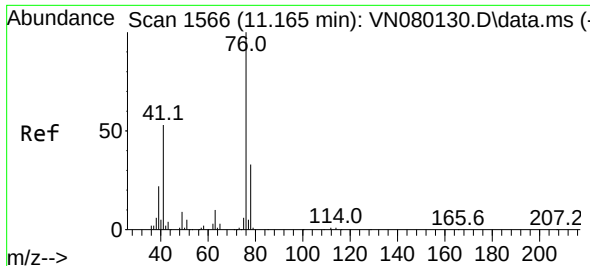


#56
Ethyl methacrylate
Concen: 53.421 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.2	39.6	59.4
39	31.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.086 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion: 76 Resp: 24984

Ion Ratio Lower Upper

76 100

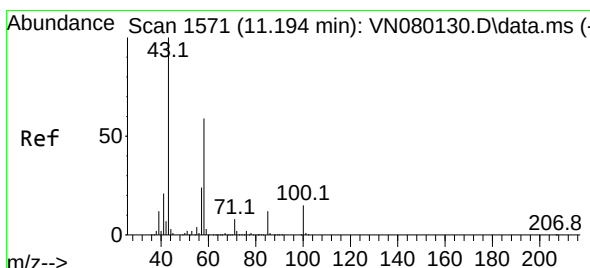
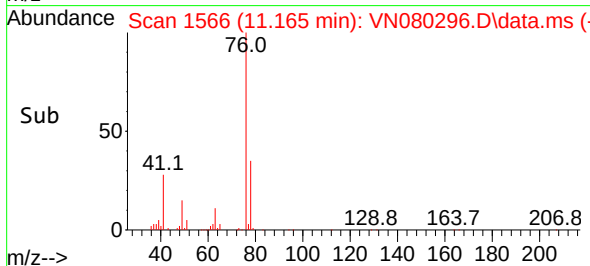
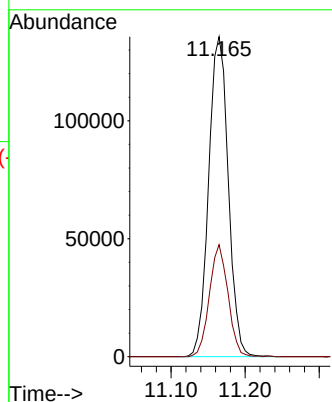
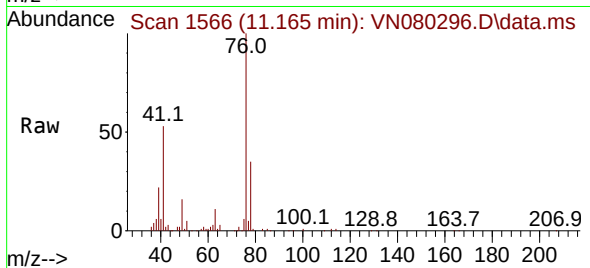
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#59

2-Hexanone

Concen: 214.675 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN080296.D

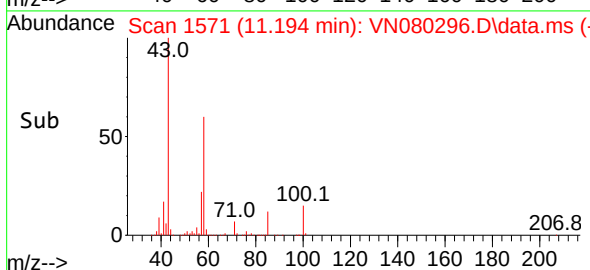
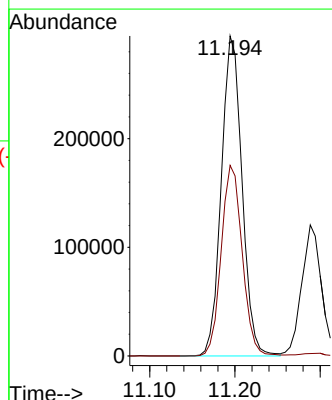
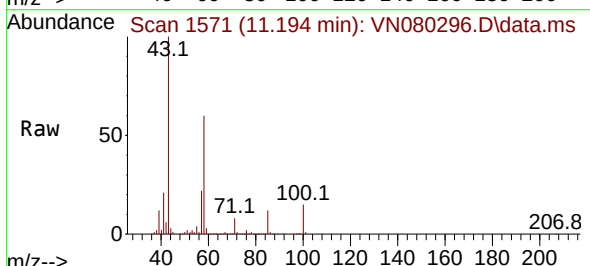
Acq: 28 Nov 2023 15:04

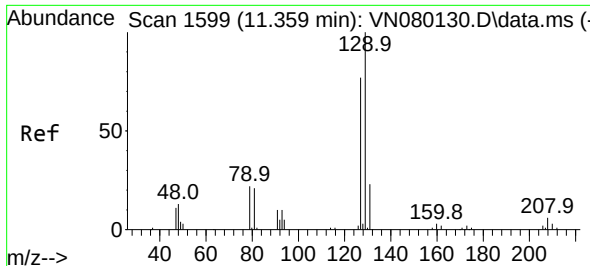
Tgt Ion: 43 Resp: 497413

Ion Ratio Lower Upper

43 100

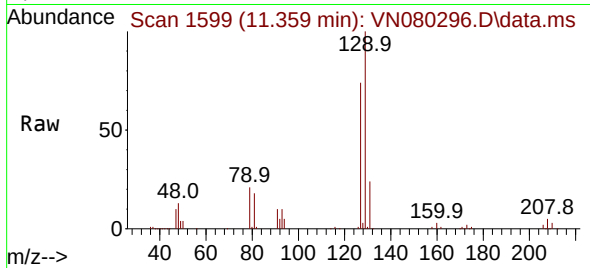
58 60.4 31.7 95.1





#60
Dibromochloromethane
Concen: 53.450 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

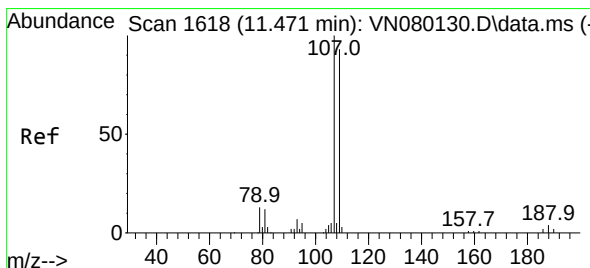
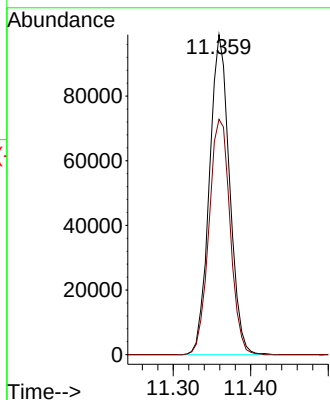
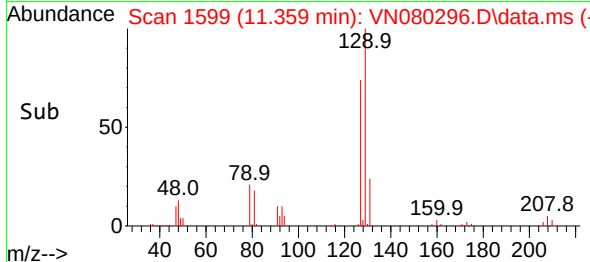
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion:129 Resp: 17924
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

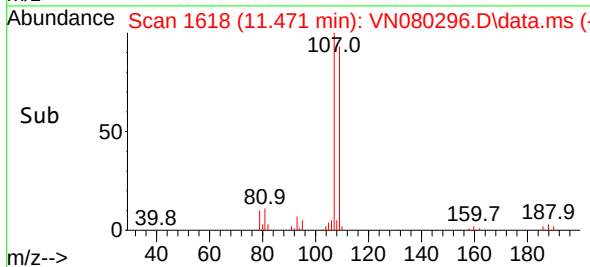
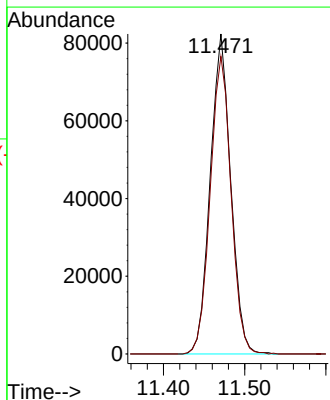
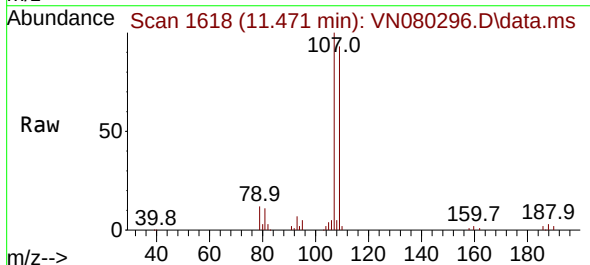
Manual Integrations
APPROVED

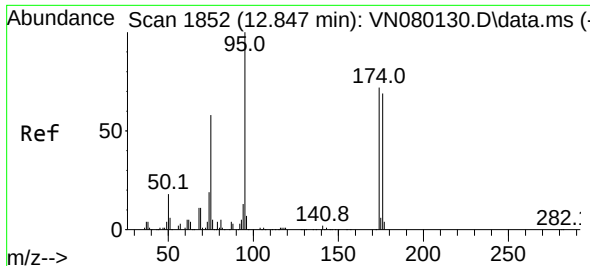
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#61
1,2-Dibromoethane
Concen: 50.466 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

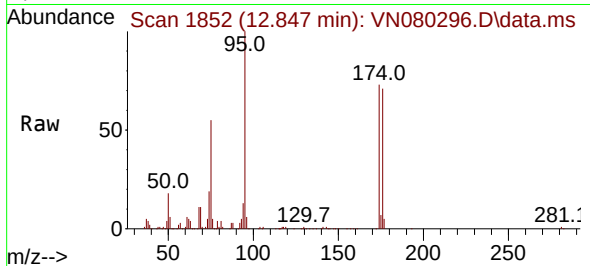
Tgt Ion:107 Resp: 144213
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 50.964 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

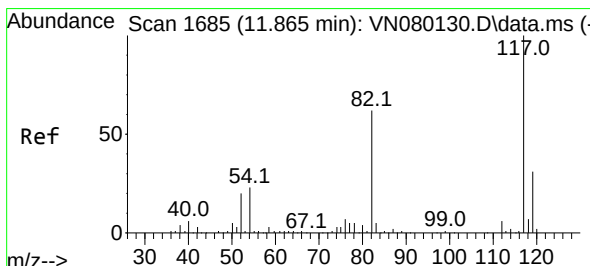
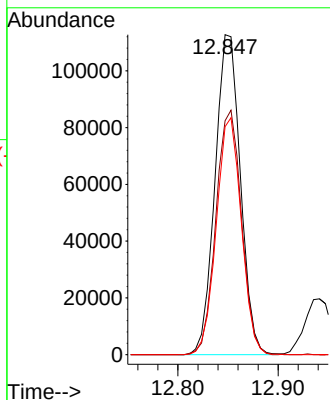
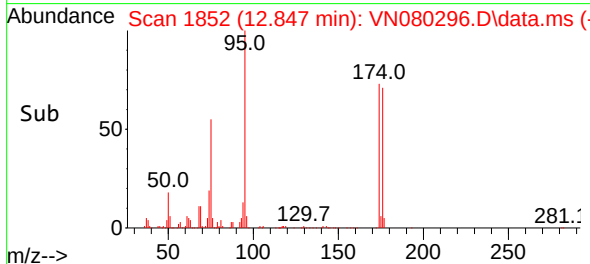
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



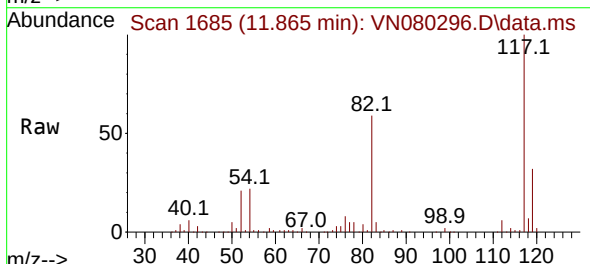
Tgt Ion: 95 Resp: 19776
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 72.9 0.0 135.8

Manual Integrations
APPROVED

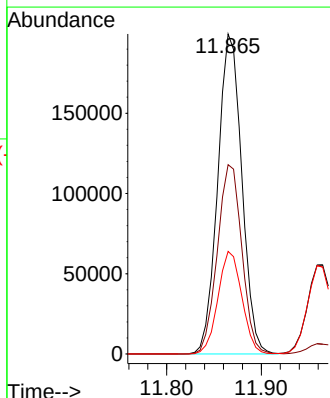
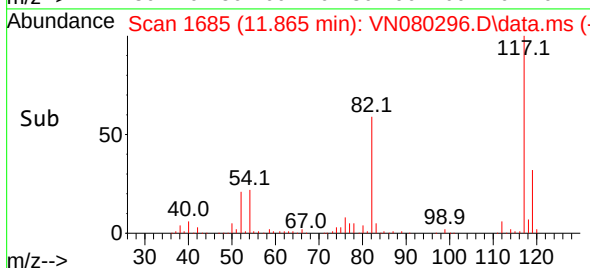
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

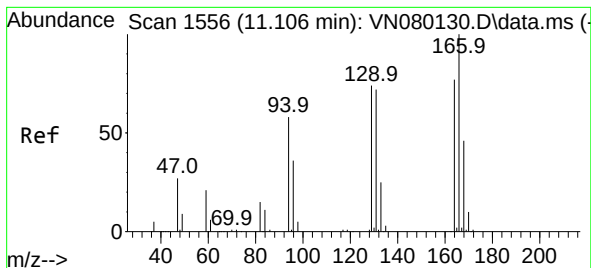


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion:117 Resp: 352659
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 32.1 25.6 38.4





#64

Tetrachloroethene

Concen: 57.062 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion:164 Resp: 15357

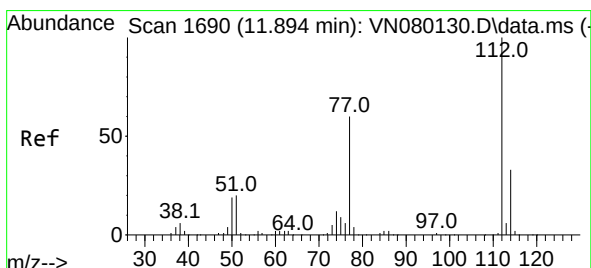
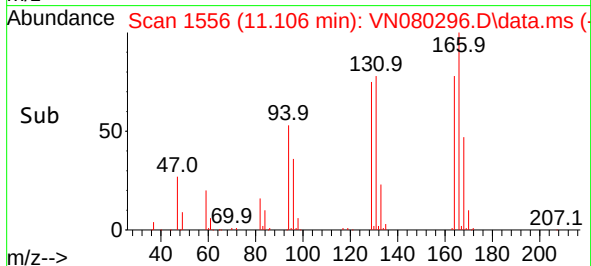
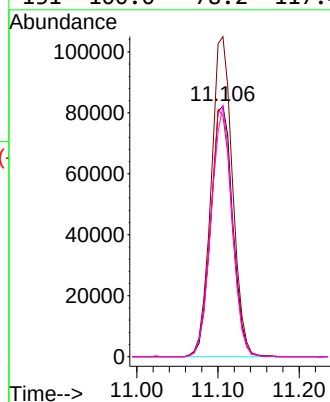
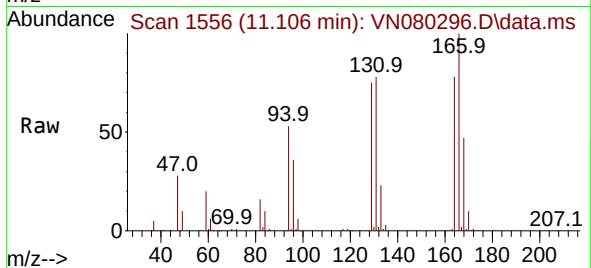
Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.4	152.0
129	96.2	82.4	123.6
131	100.0	78.2	117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#65

Chlorobenzene

Concen: 49.406 ug/l

RT: 11.894 min Scan# 1690

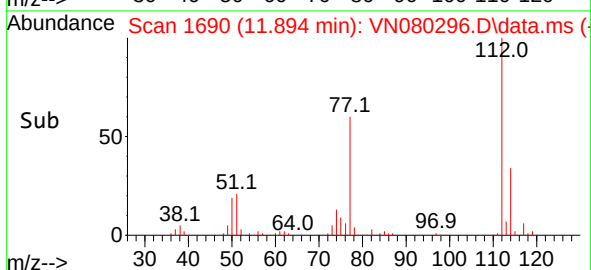
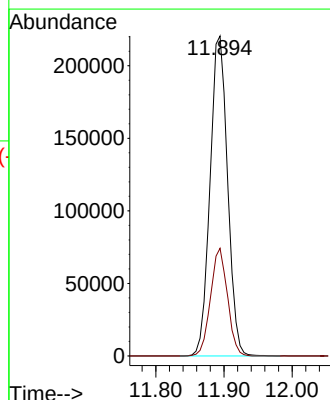
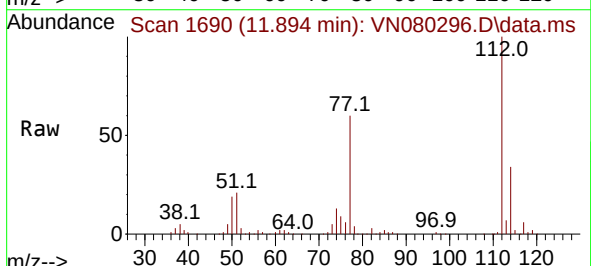
Delta R.T. 0.000 min

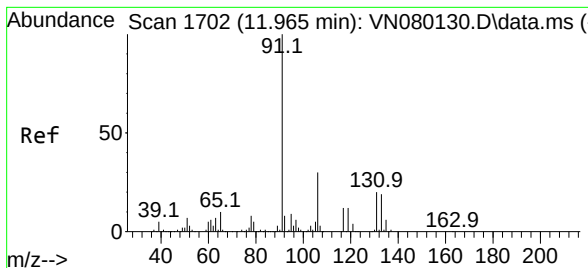
Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Tgt Ion:112 Resp: 394809

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.0	37.4





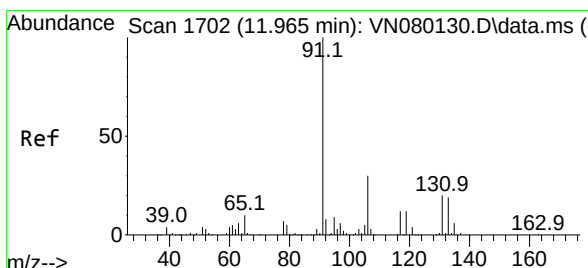
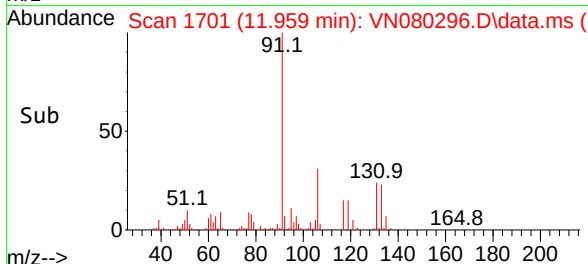
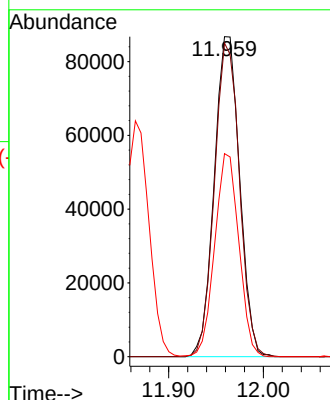
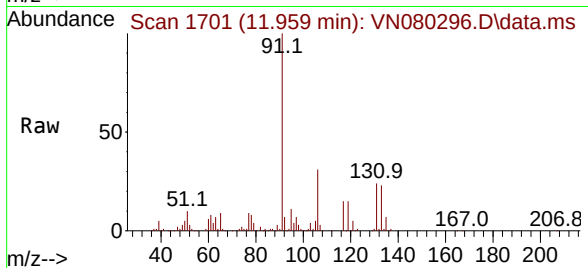
#66
1,1,1,2-Tetrachloroethane
Concen: 52.184 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion:131 Resp: 161824
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 60.5 34.1 102.2

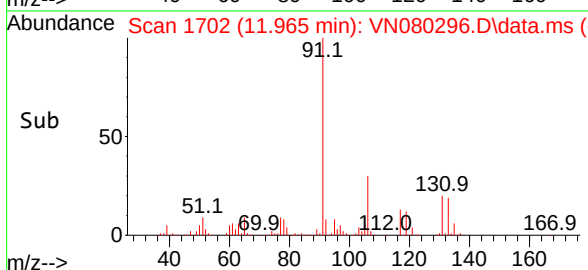
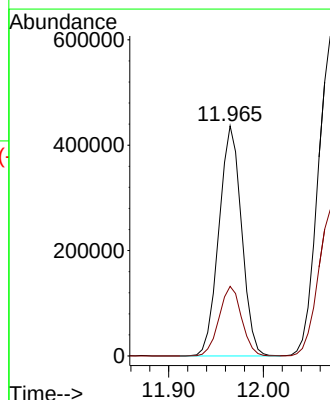
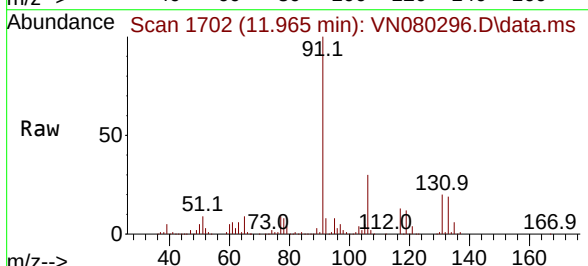
Manual Integrations
APPROVED

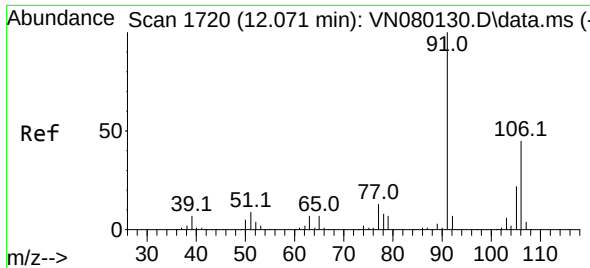
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#67
Ethyl Benzene
Concen: 51.053 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 91 Resp: 725948
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4





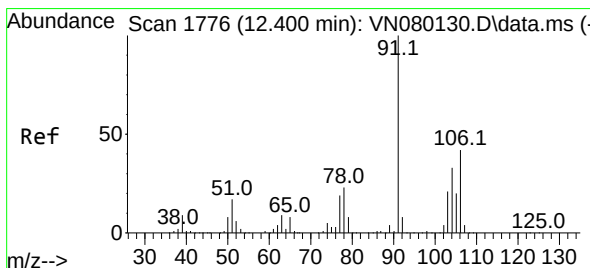
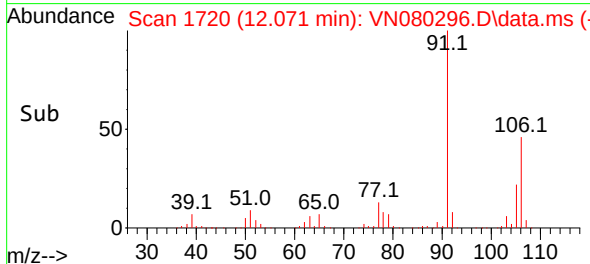
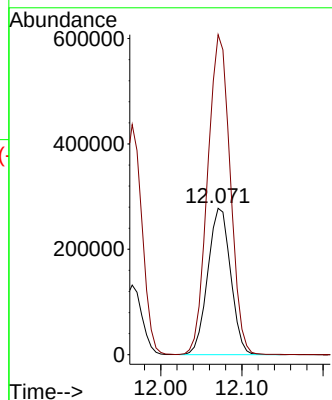
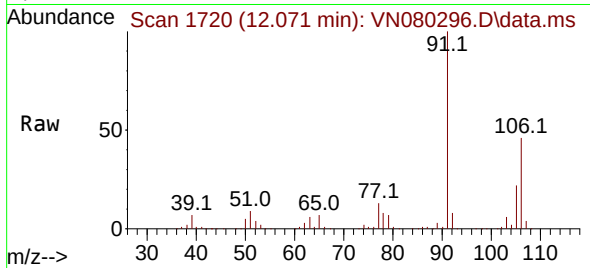
#68
m/p-Xylenes
Concen: 104.811 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion:106 Resp: 543400
Ion Ratio Lower Upper
106 100
91 216.3 159.6 239.4

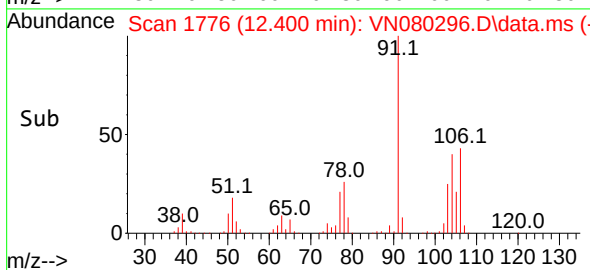
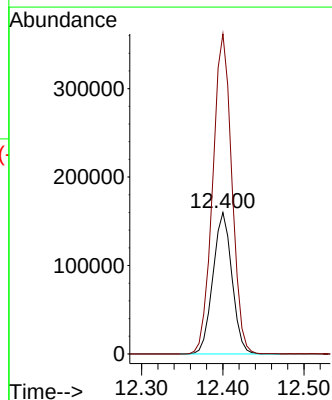
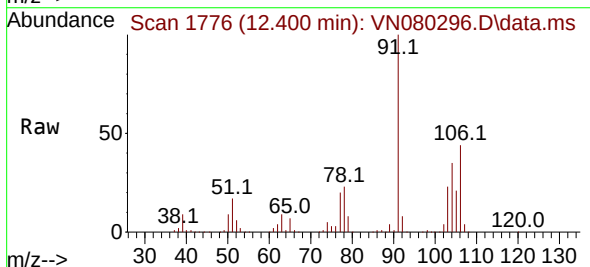
Manual Integrations
APPROVED

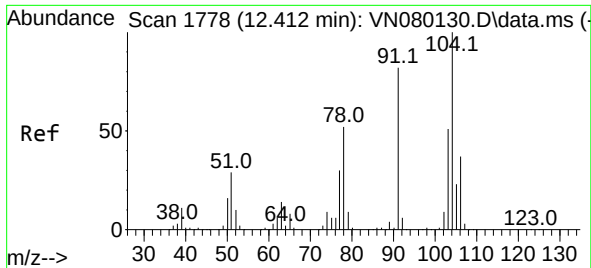
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#69
o-Xylene
Concen: 53.176 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion:106 Resp: 259820
Ion Ratio Lower Upper
106 100
91 228.1 105.2 315.5





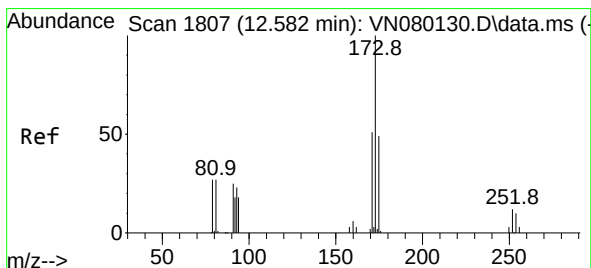
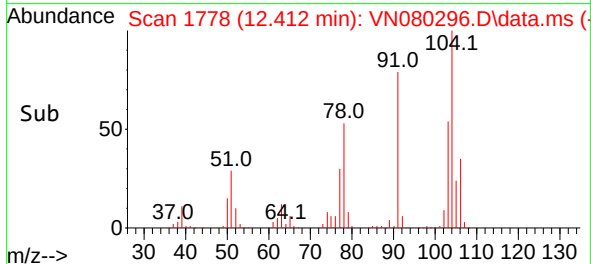
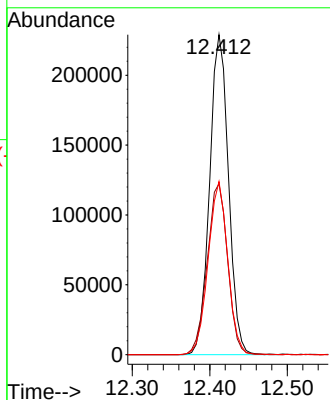
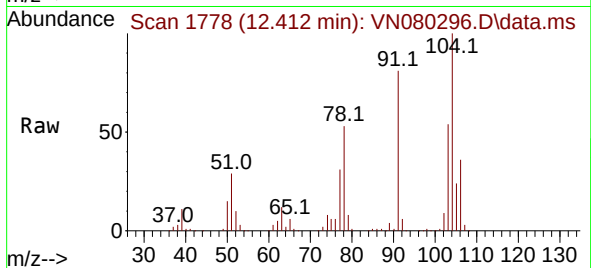
#70
Styrene
Concen: 53.369 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion:104 Resp: 38811
Ion Ratio Lower Upper
104 100
78 57.8 39.5 59.3
103 56.2 43.2 64.8

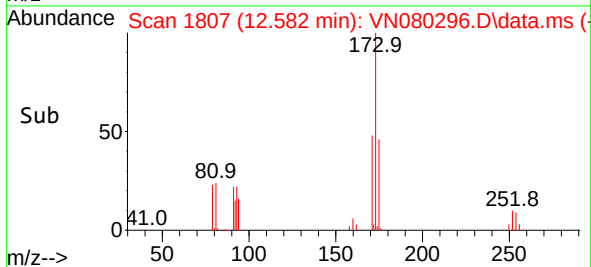
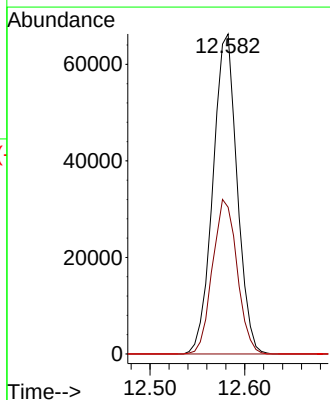
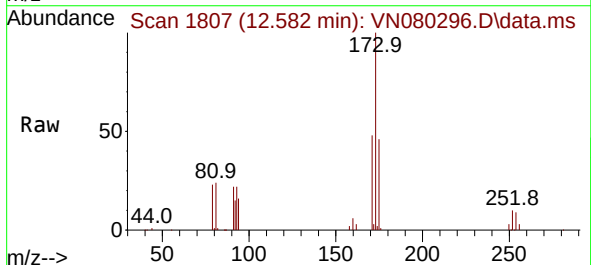
Manual Integrations
APPROVED

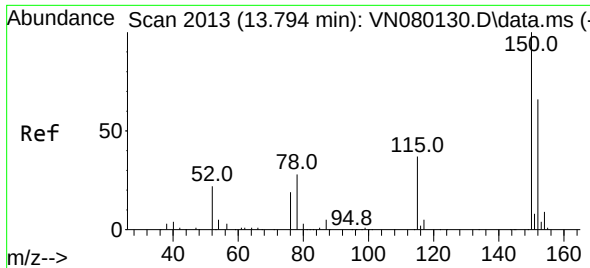
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#71
Bromoform
Concen: 51.216 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

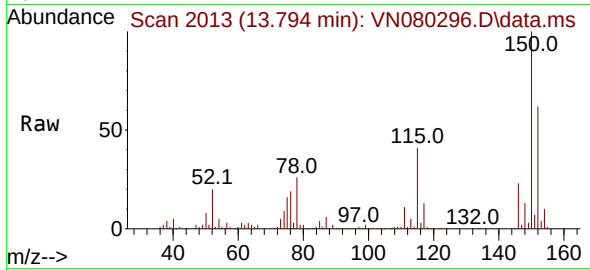
Tgt Ion:173 Resp: 117781
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

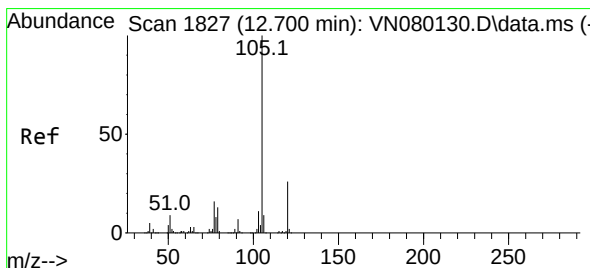
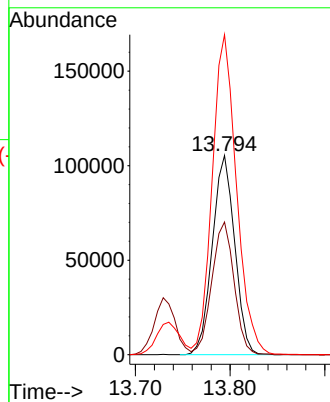
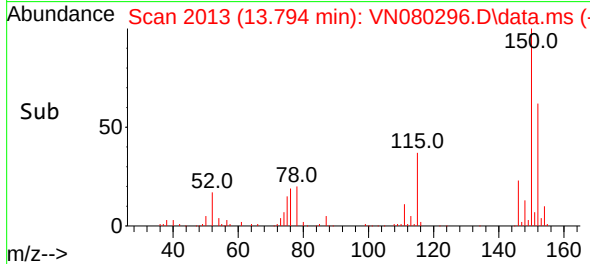
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



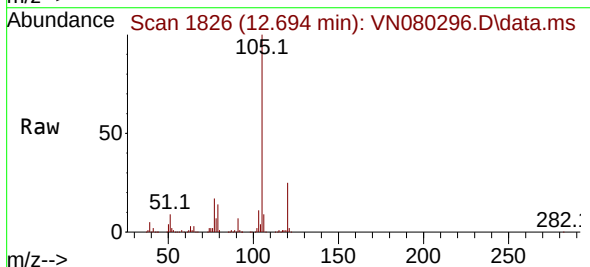
Tgt Ion:152 Resp: 17320
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 174.0 0.0 355.8

Manual Integrations
APPROVED

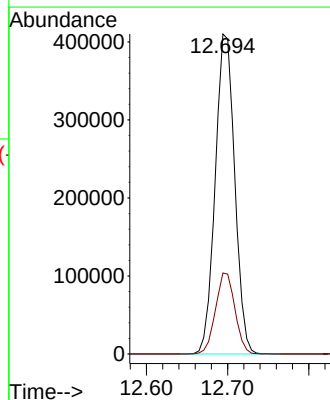
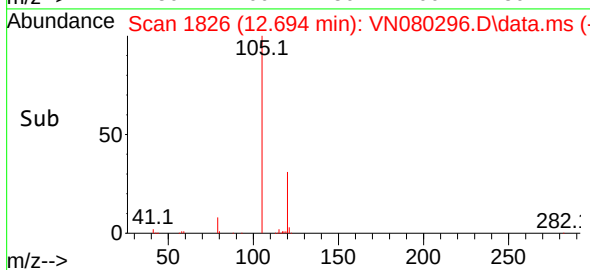
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

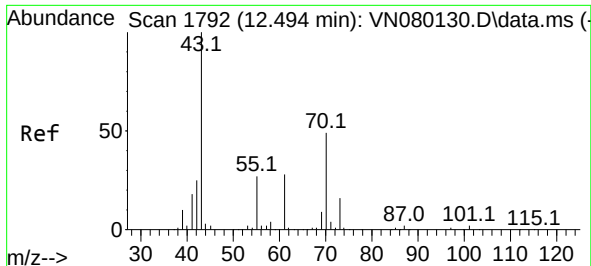


#73
Isopropylbenzene
Concen: 50.864 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion:105 Resp: 684581
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1





#74
N-amy1 acetate
Concen: 45.921 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

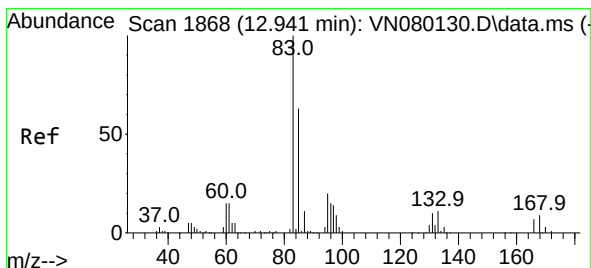
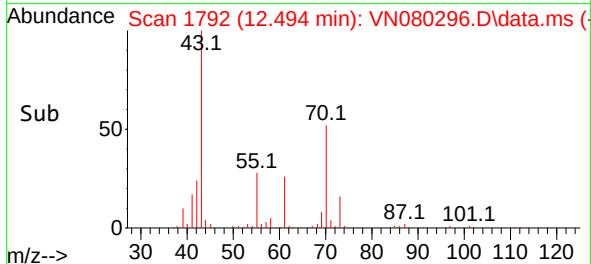
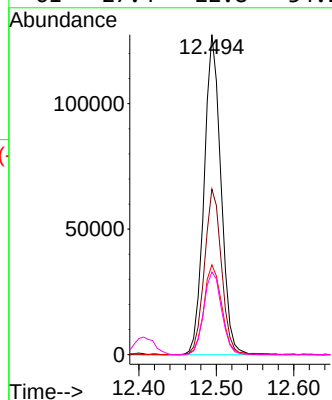
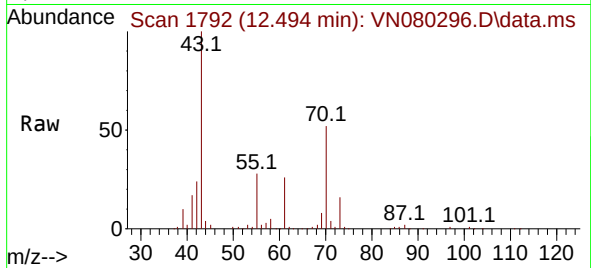
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 43 Resp: 192738

Ion	Ratio	Lower	Upper
43	100		
70	52.2	43.4	65.2
55	29.6	21.4	32.0
61	27.4	22.8	34.2

Manual Integrations
APPROVED

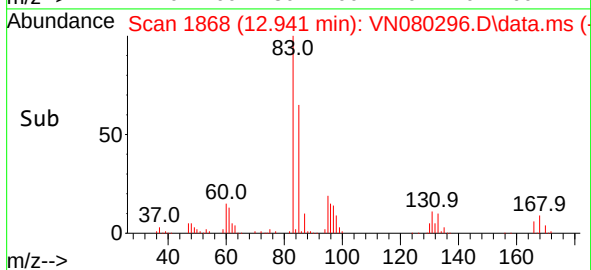
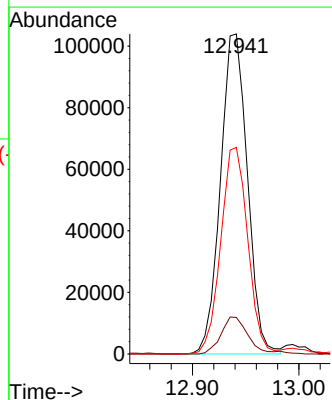
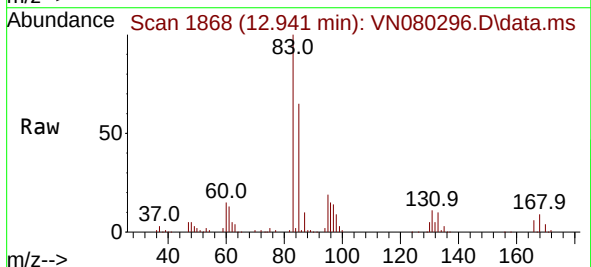
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

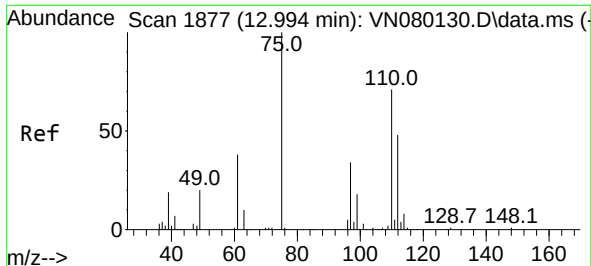


#75
1,1,2,2-Tetrachloroethane
Concen: 45.357 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 83 Resp: 182707

Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.0	15.0
85	64.5	31.9	95.7





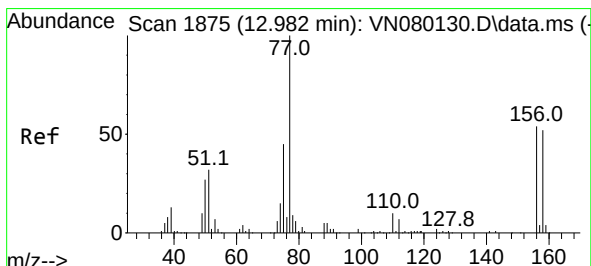
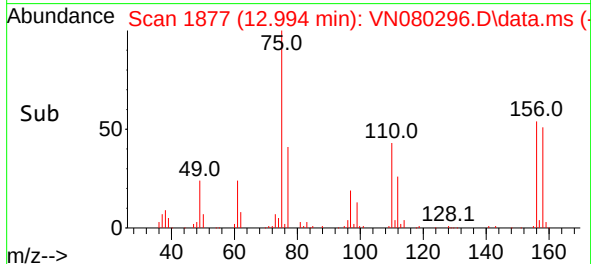
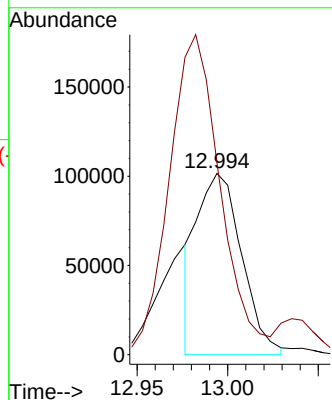
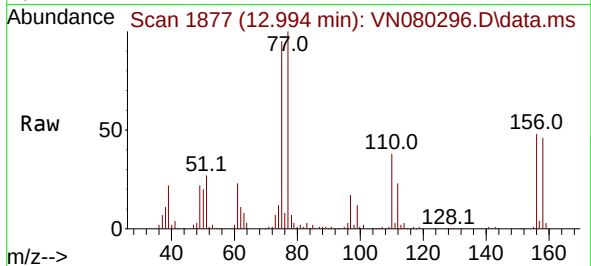
#76
1,2,3-Trichloropropane
Concen: 40.855 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 75 Resp: 173370
Ion Ratio Lower Upper
75 100
77 203.3 84.5 253.5

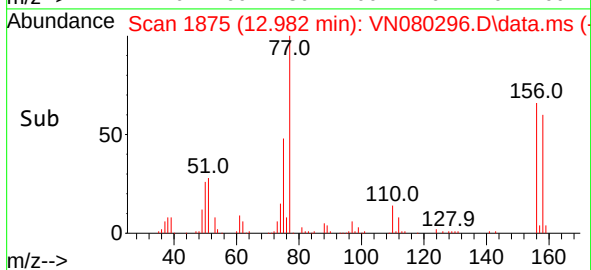
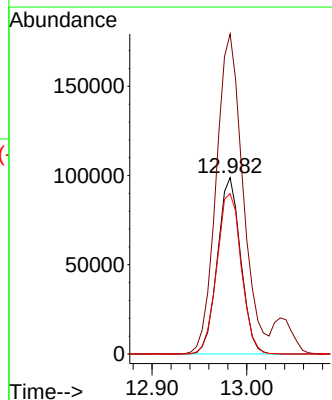
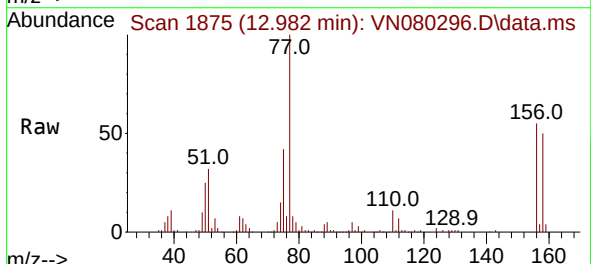
Manual Integrations
APPROVED

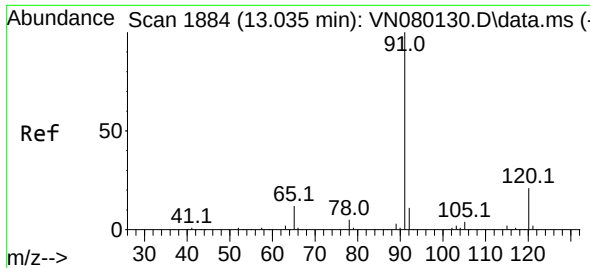
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#77
Bromobenzene
Concen: 49.496 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

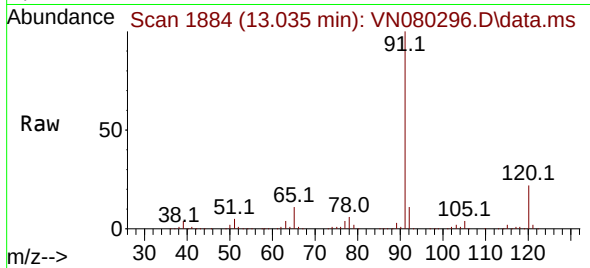
Tgt Ion:156 Resp: 167956
Ion Ratio Lower Upper
156 100
77 209.9 107.7 323.3
158 96.1 48.4 145.3





#78
n-propylbenzene
Concen: 50.563 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

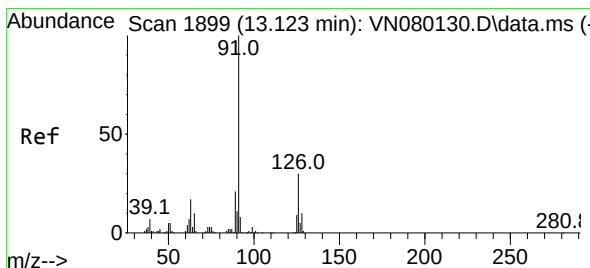
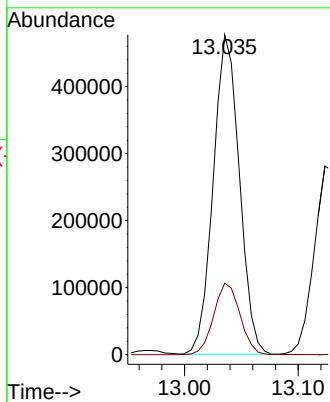
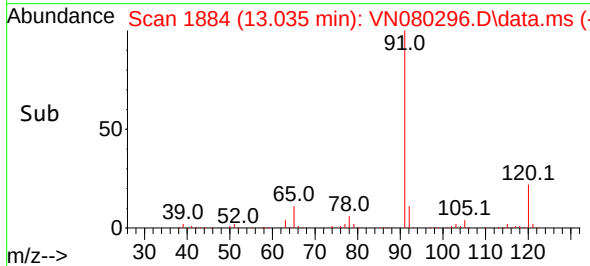
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



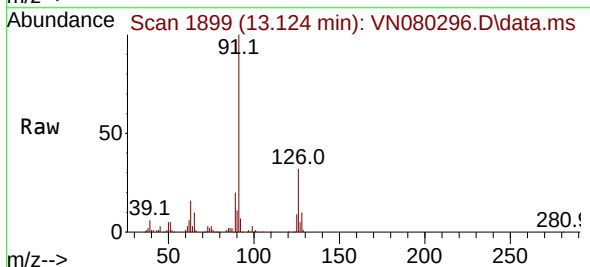
Tgt Ion: 91 Resp: 760994
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

Manual Integrations
APPROVED

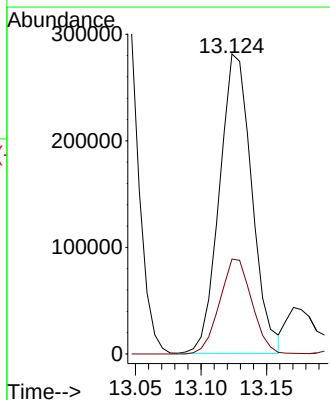
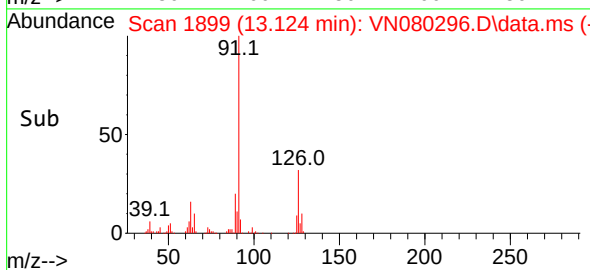
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

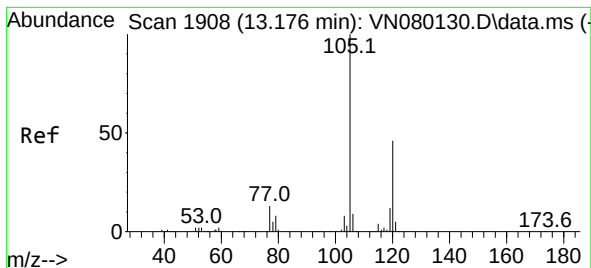


#79
2-Chlorotoluene
Concen: 49.558 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion: 91 Resp: 484425
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 50.480 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion:105 Resp: 591430

Ion Ratio Lower Upper

105 100

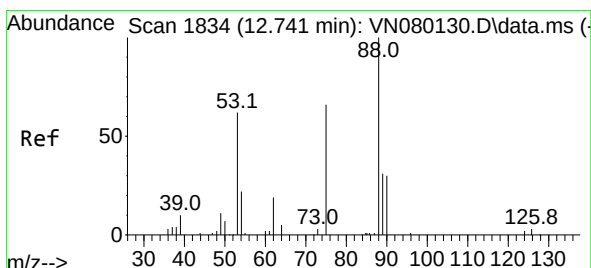
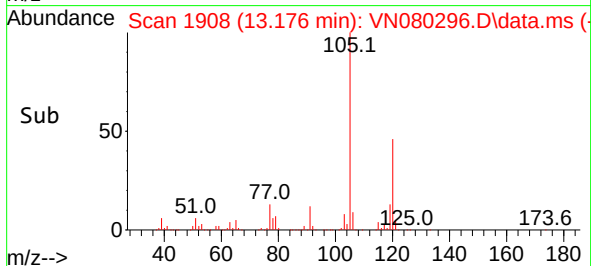
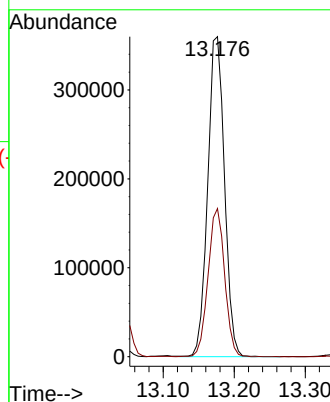
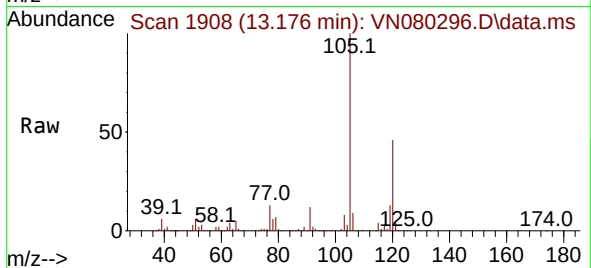
120 45.8 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 44.818 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

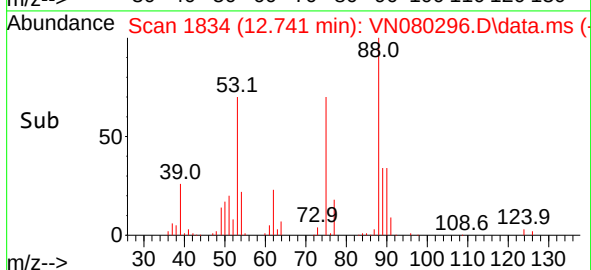
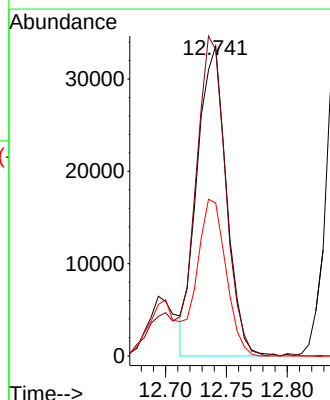
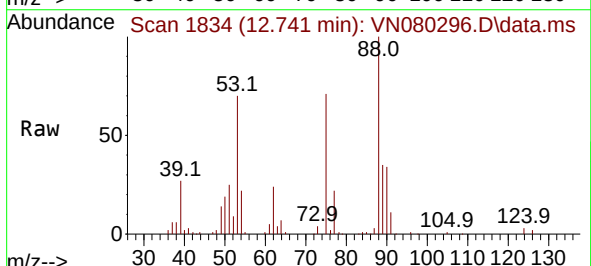
Tgt Ion: 75 Resp: 56294

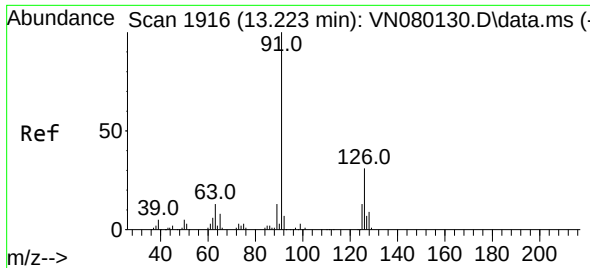
Ion Ratio Lower Upper

75 100

53 117.3 67.4 101.2#

89 49.9 38.8 58.2





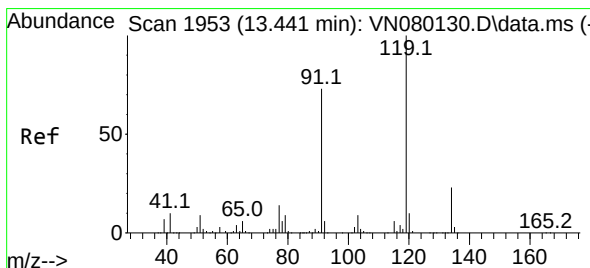
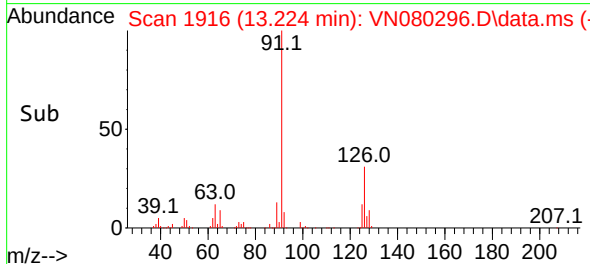
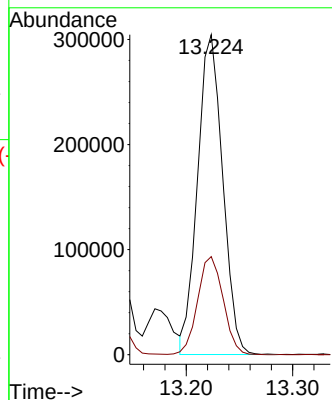
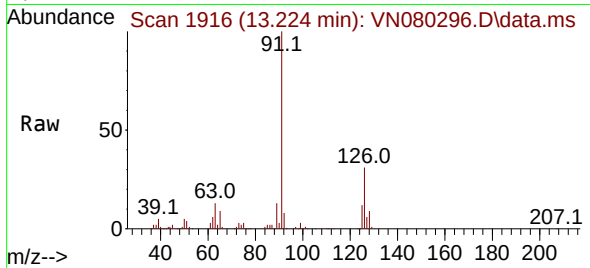
#82
4-Chlorotoluene
Concen: 49.828 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion: 91 Resp: 498970
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0

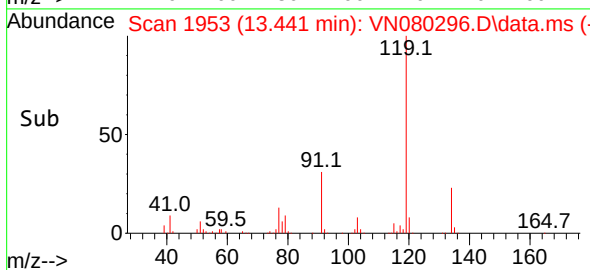
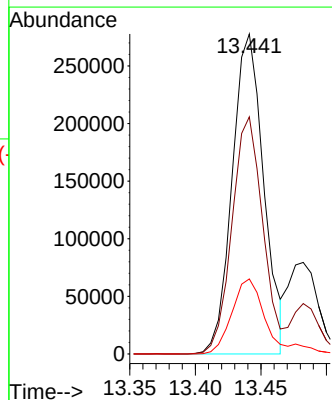
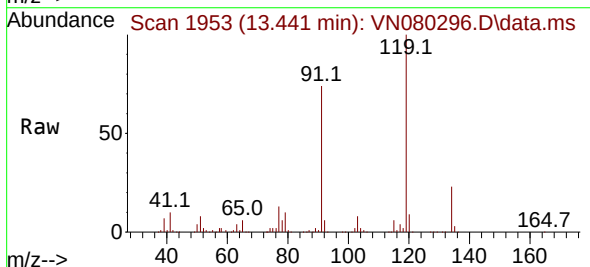
Manual Integrations
APPROVED

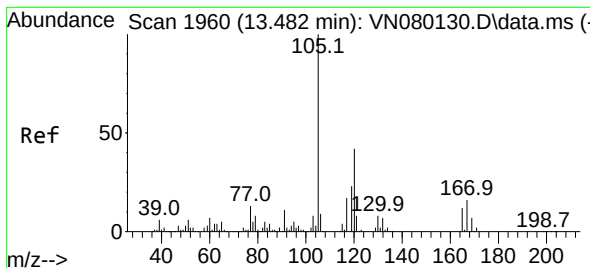
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#83
tert-Butylbenzene
Concen: 49.457 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion:119 Resp: 464663
Ion Ratio Lower Upper
119 100
91 72.4 33.9 101.7
134 25.7 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 51.222 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080296.D

Acq: 28 Nov 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-110MS

Tgt Ion:105 Resp: 590910

Ion Ratio Lower Upper

105 100

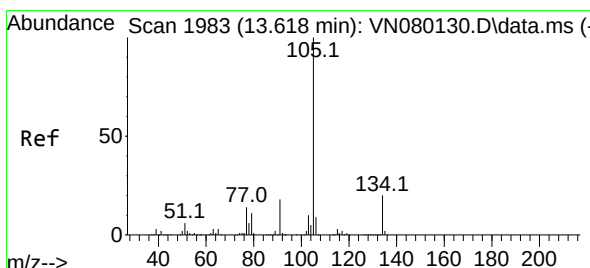
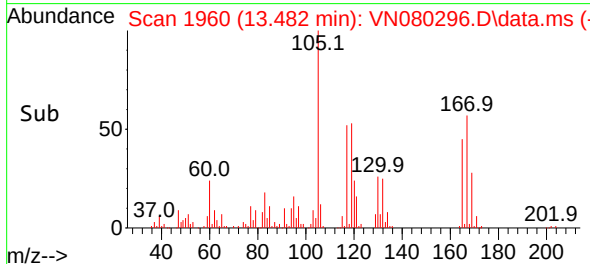
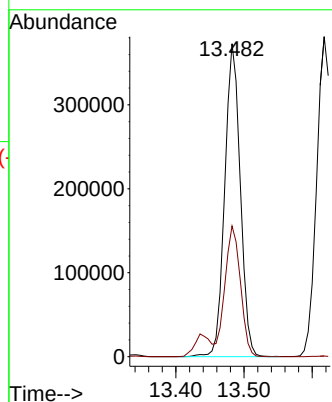
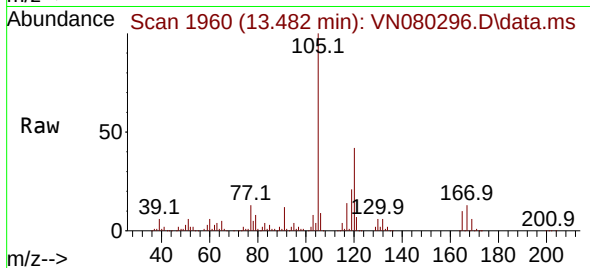
120 42.2 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#85

sec-Butylbenzene

Concen: 51.161 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080296.D

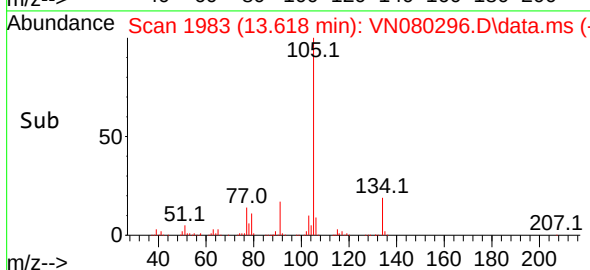
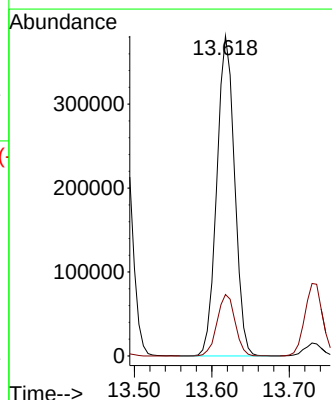
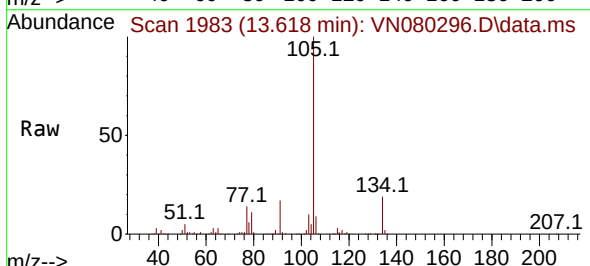
Acq: 28 Nov 2023 15:04

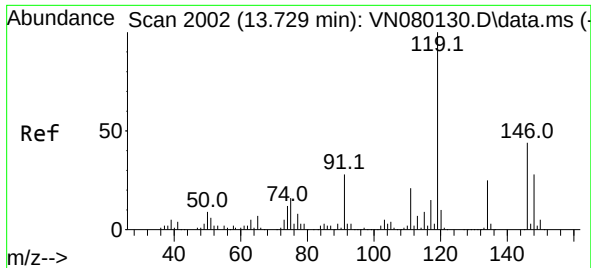
Tgt Ion:105 Resp: 608075

Ion Ratio Lower Upper

105 100

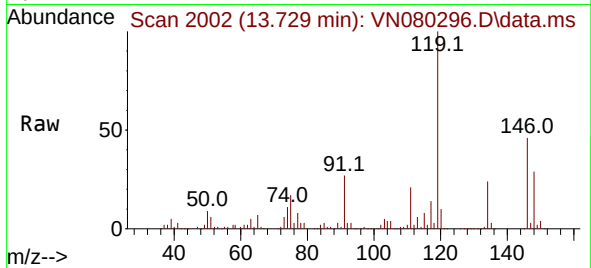
134 19.5 9.8 29.3





#86
p-Isopropyltoluene
Concen: 52.301 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

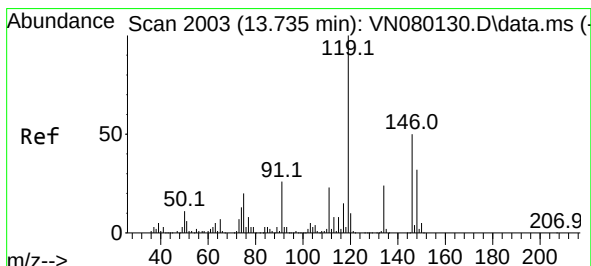
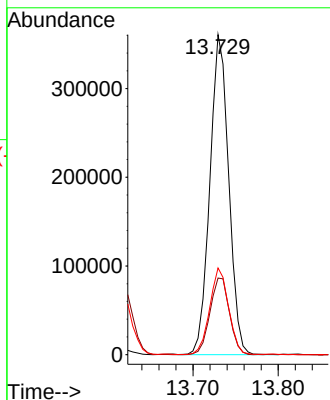
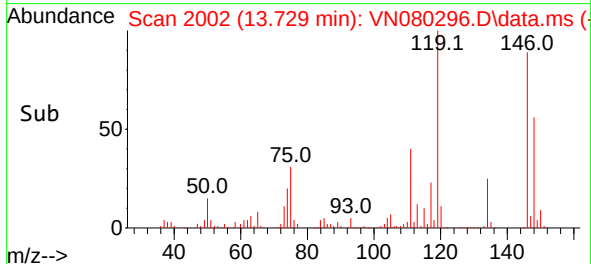
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



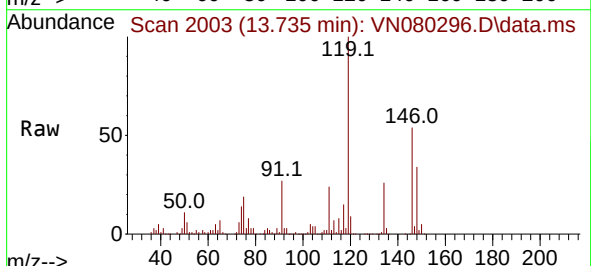
Tgt Ion:119 Resp: 55529
Ion Ratio Lower Upper
119 100
134 24.8 12.6 37.8
91 27.0 12.4 37.2

Manual Integrations
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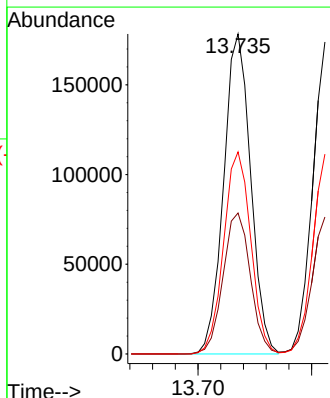
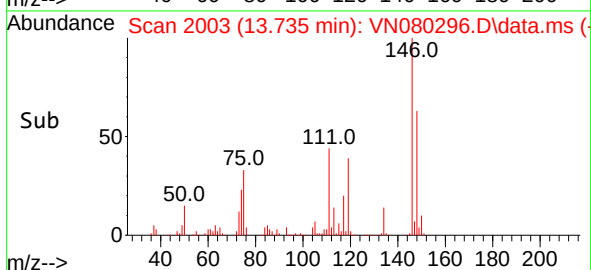
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

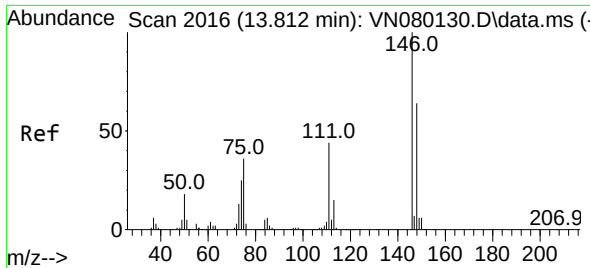


#87
1,3-Dichlorobenzene
Concen: 48.232 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



Tgt Ion:146 Resp: 294872
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 63.4 32.0 96.0





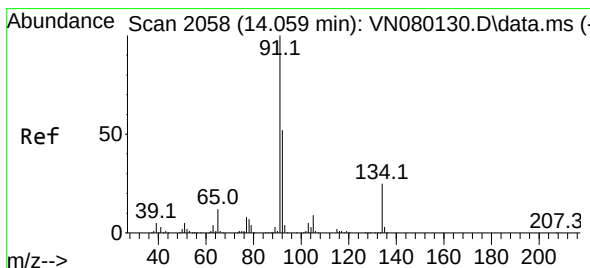
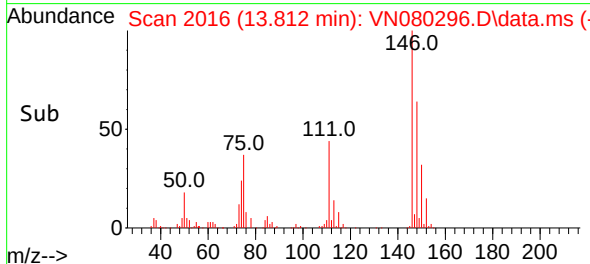
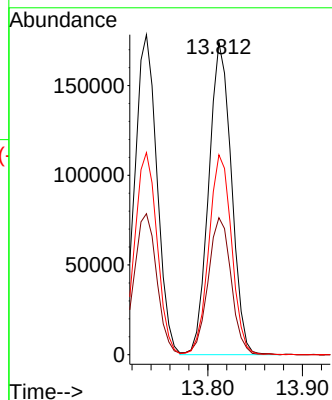
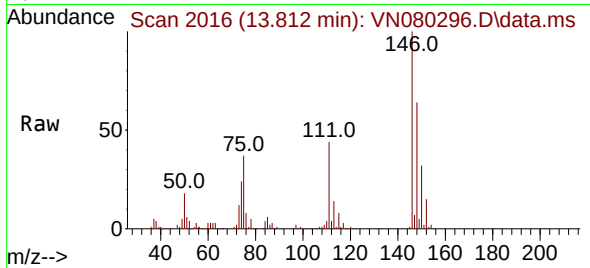
#88
1,4-Dichlorobenzene
Concen: 47.231 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion:146 Resp: 290184
Ion Ratio Lower Upper
146 100
111 44.7 20.6 61.8
148 64.4 31.6 94.8

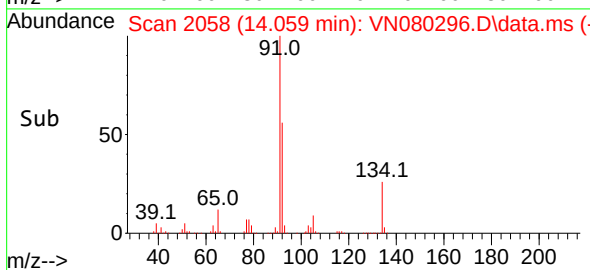
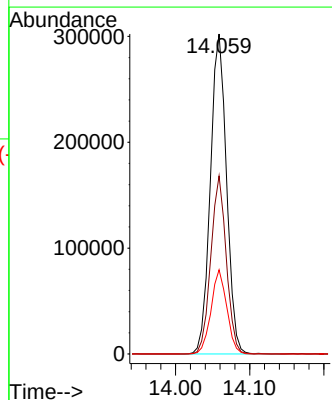
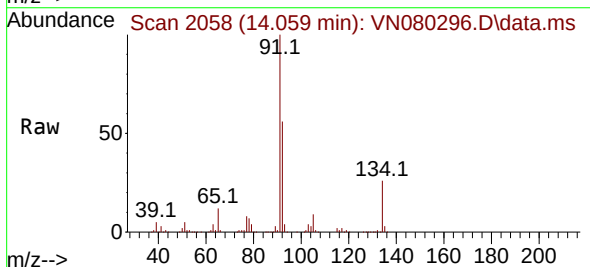
Manual Integrations
APPROVED

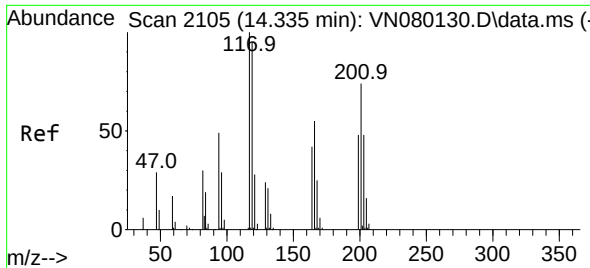
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#89
n-Butylbenzene
Concen: 51.405 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Tgt Ion: 91 Resp: 456822
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 25.6 12.6 37.6





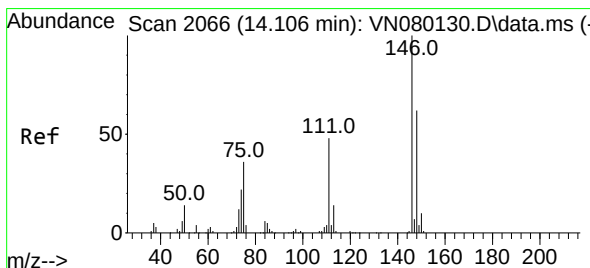
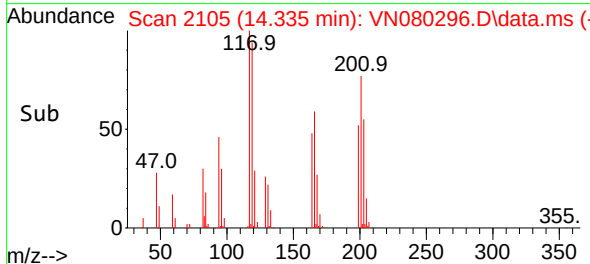
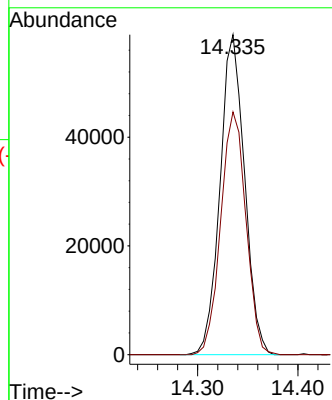
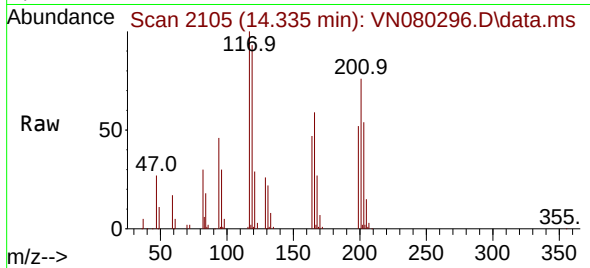
#90
Hexachloroethane
Concen: 48.352 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

Instrument :
MSVOA_N
ClientSampleId :
MW-110MS

Tgt Ion:117 Resp: 100082
Ion Ratio Lower Upper
117 100
201 77.9 29.3 88.0

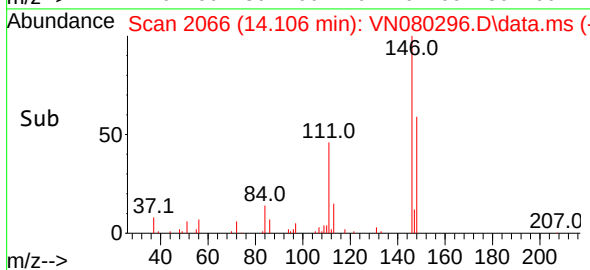
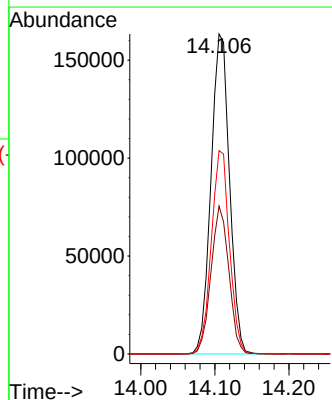
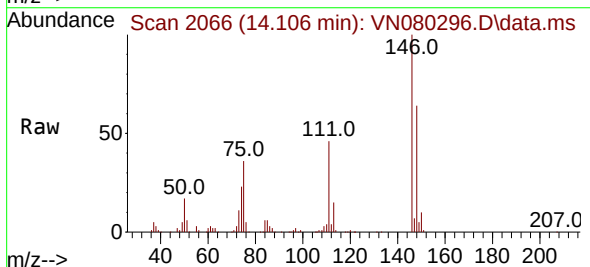
Manual Integrations
APPROVED

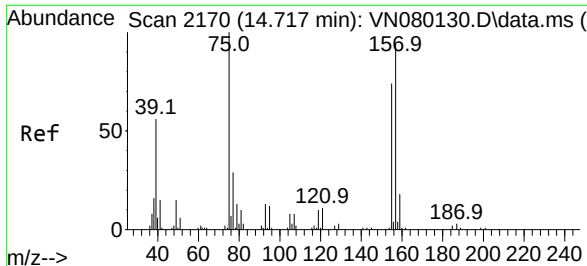
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#91
1,2-Dichlorobenzene
Concen: 48.467 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

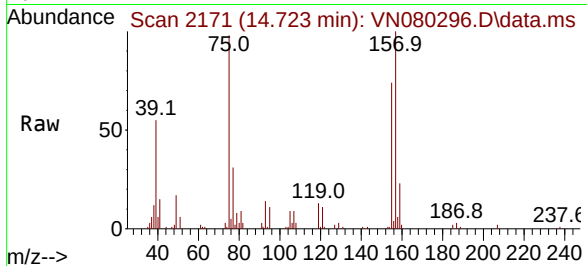
Tgt Ion:146 Resp: 283550
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 62.3 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 41.594 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

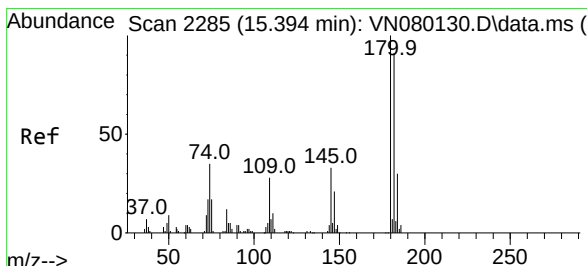
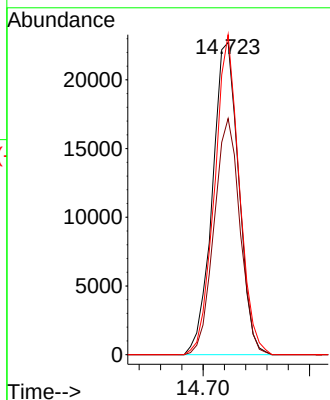
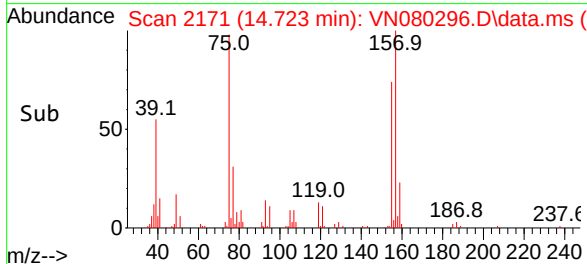
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



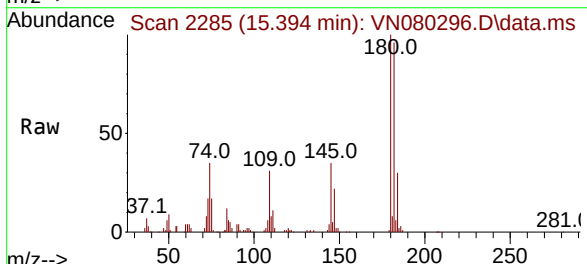
Tgt Ion: 75 Resp: 38918
Ion Ratio Lower Upper
75 100
155 74.6 39.1 117.2
157 96.1 50.3 150.9

Manual Integrations
APPROVED

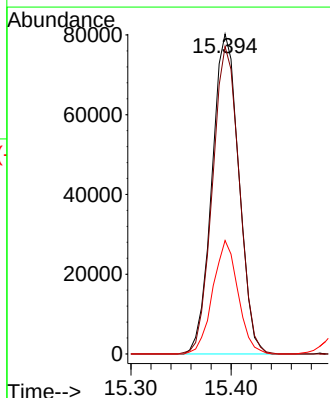
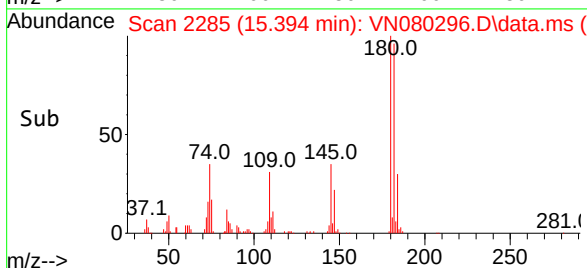
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

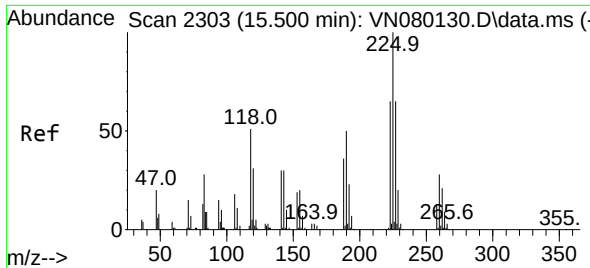


#93
1,2,4-Trichlorobenzene
Concen: 43.909 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04



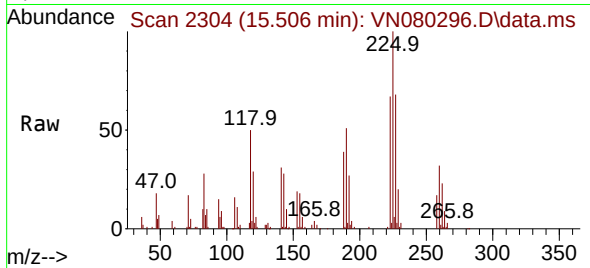
Tgt Ion:180 Resp: 149404
Ion Ratio Lower Upper
180 100
182 95.7 46.1 138.2
145 33.4 16.6 49.8





#94
Hexachlorobutadiene
Concen: 44.864 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

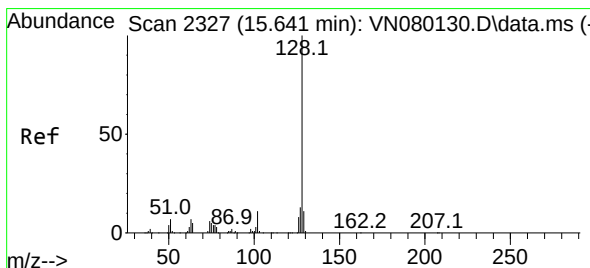
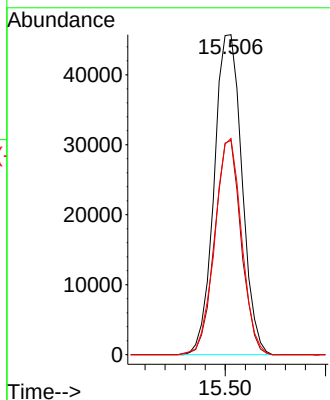
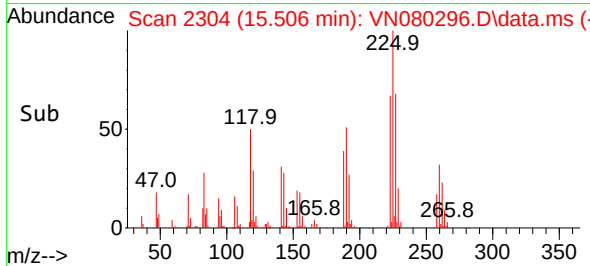
Instrument :
MSVOA_N
ClientSampleId :
MW-110MS



Tgt Ion:225 Resp: 8784
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 65.3 31.9 95.9

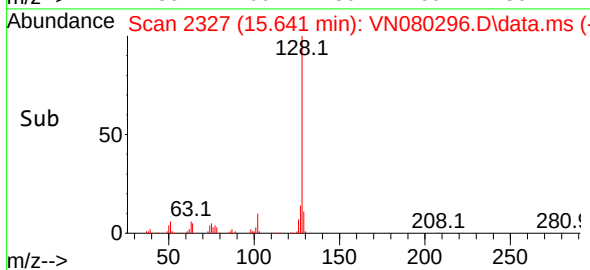
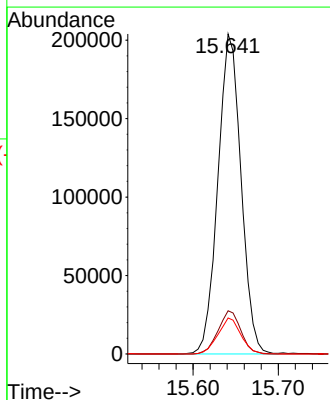
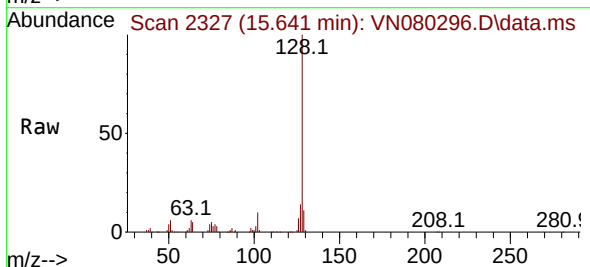
Manual Integrations
APPROVED

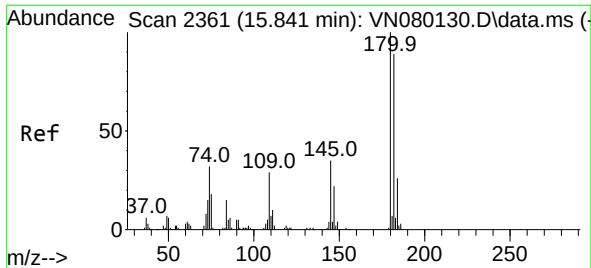
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#95
Naphthalene
Concen: 38.989 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080296.D
Acq: 28 Nov 2023 15:04

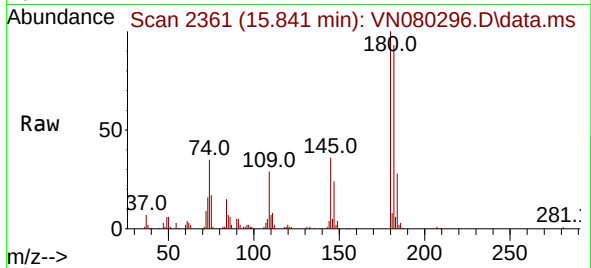
Tgt Ion:128 Resp: 384704
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 42.759 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080296.D
 Acq: 28 Nov 2023 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110MS



Tgt Ion:180 Resp: 13637
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.2 138.6
 145 36.2 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023

